McGILL UNIVERSITY

MONTREAL



CALENDAR

FOR THE SESSION 1932-33

MONTREAL

1932

PRESENTED TO THE LIBRARY
BY

McGill University -
Registrar's Office.

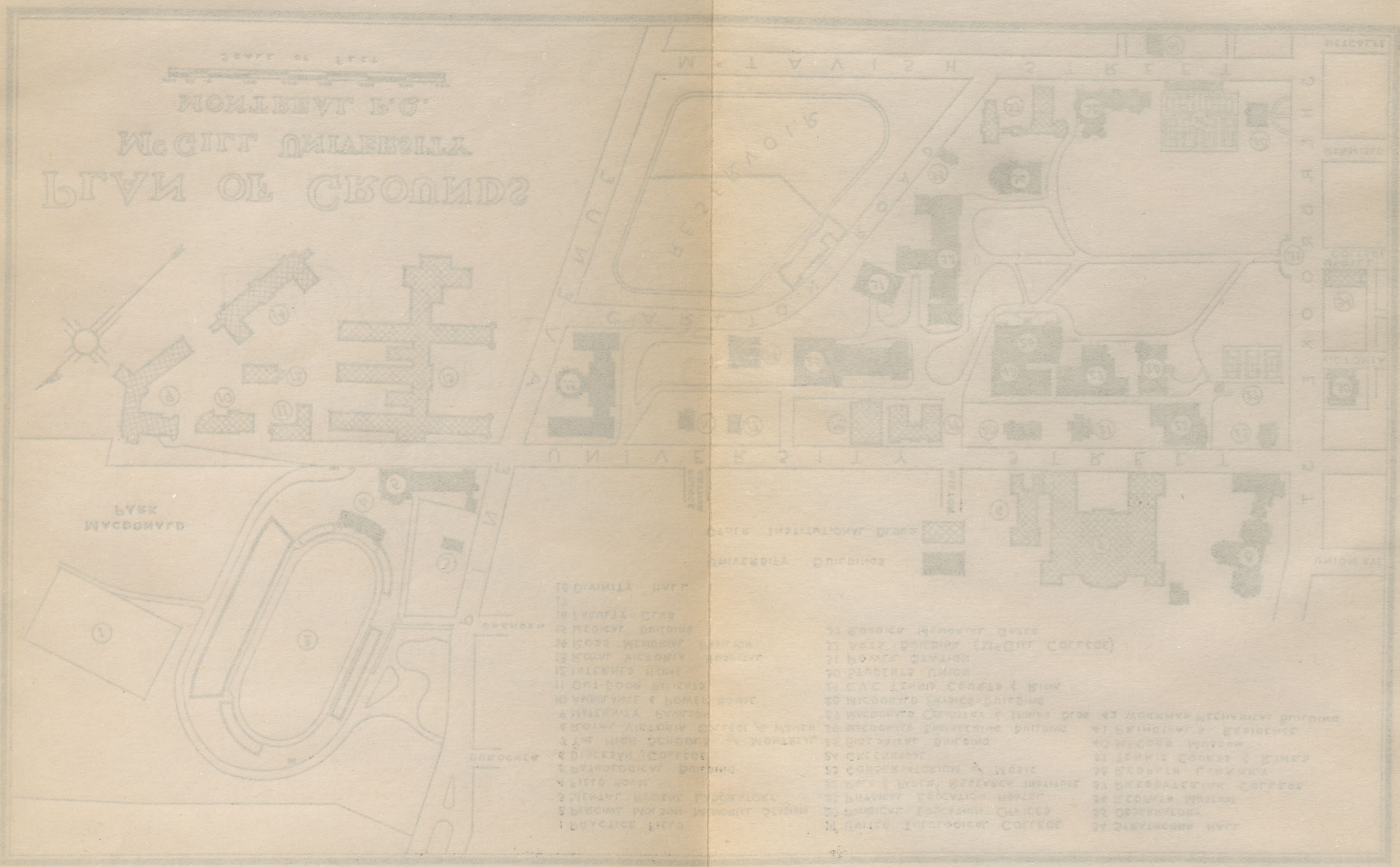
[redacted] [redacted]

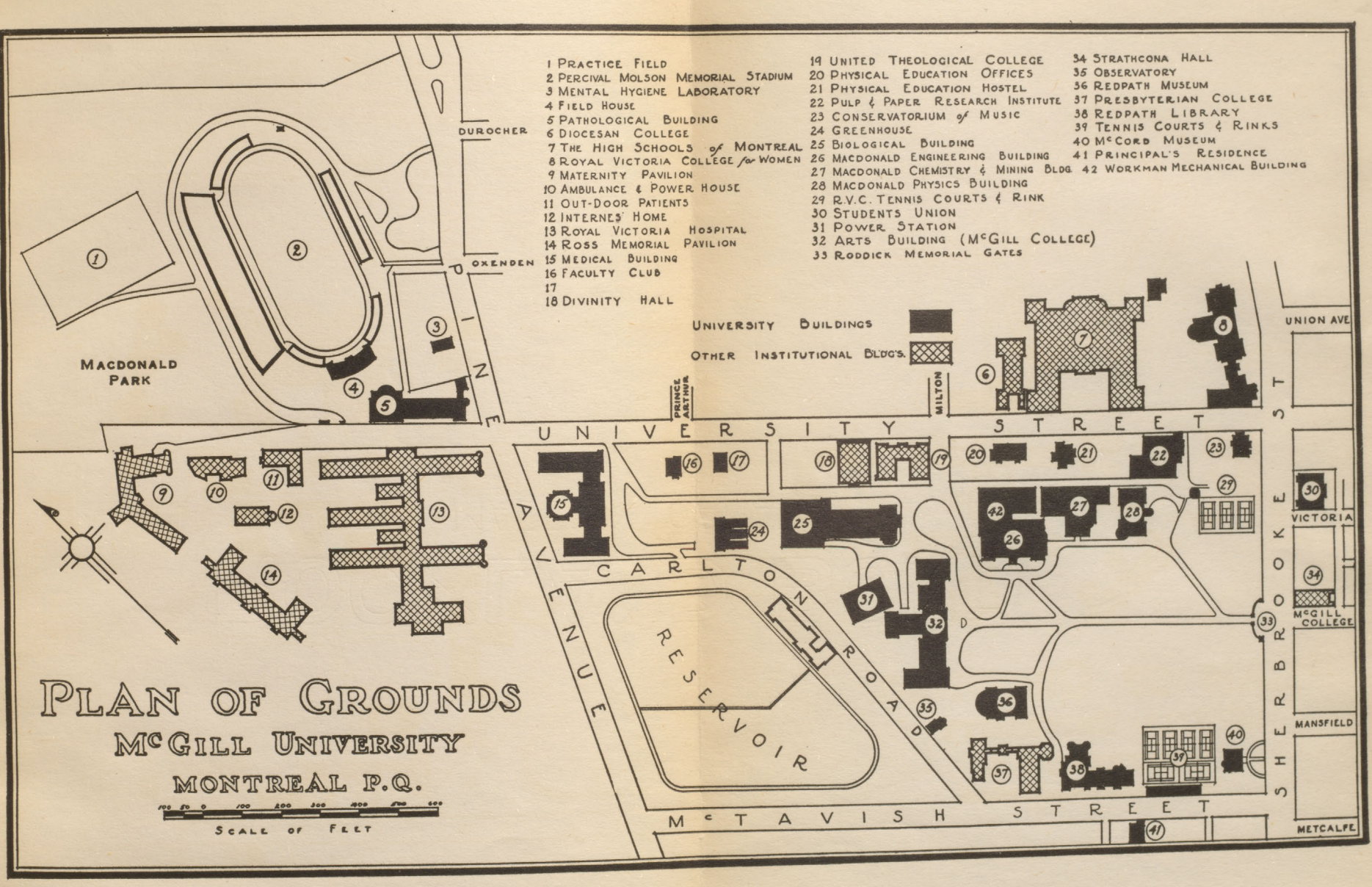
1932-33



ACC. NO. 280299 DATE 1932

McGill University Libraries
3 100 785 397 0





Plan of Grounds

McGill University

Montreal P.Q.

McGILL UNIVERSITY

MONTREAL

FOUNDED UNDER BEQUEST OF THE HON. JAMES McGILL,
ESTABLISHED AS A UNIVERSITY BY ROYAL CHARTER
IN 1821; AND REORGANIZED UNDER AN
AMENDED CHARTER IN 1852

CALENDAR

FOR THE SESSION 1932-33

MONTREAL

1932

Printed in Canada for the University by Southam Press Montreal Limited

LE3
M2
1932-33
280299

INDEX

	PAGE
Academic Dress	529
Academic Year	65
Accountancy, Courses in	192
Diploma of Licentiate in	190
For Matriculation	88
Accountancy Associations, Four-Year Course	202
Accounting and Auditing	202, 203, 206
Accounting, Elements of	206
Administrative Officers	21
Admission	77
Application for	80, 105, 109
To Advanced Standing	105
Faculty of Agriculture	517
To the School of Architecture	209
To the Faculty of Arts and Science	108, 110
To the Faculty of Engineering	209
To the Faculty of Graduate Studies and Research	398
To the Faculty of Music	385
To the School of Commerce	80
To Macdonald College	517
To the Faculty of Law	376
To the Faculty of Dentistry	358
To the Study and Practice of Law in Quebec	382
To the Faculty of Medicine	304
To the Library School	472
To the Royal Victoria College	526
To the School for Graduate Nurses	492
To the School of Physical Education	481
To the Practice of Law in Quebec	382
To the Study and Practice of Medicine	316
Advanced Courses in Arts and Science	111
Advanced Standing in Engineering for Graduates in Arts and Science	218
Advancement from Year to Year in Arts and Science	112
Advisers in Arts and Science	110
Affiliated Colleges	70
Affiliated Colleges in Engineering	211
Affiliated Theological Colleges Scholarships	100
Affiliation with other Universities	71
Age of Admission	109
Agricultural Bacteriology	419
Agriculture, Faculty of	517
Agronomy, Graduate Courses in	414
Alexander (Charles) Scholarship	181
Alexandra Hospital	352
Algebra for Matriculation	84, 85, 93
Courses in (Arts and Science)	151
" " (Engineering)	266
Allan (Dr. J. H. B.), Scholarship	315
Allan (Margaret Jane) Scholarship	180
Alliance Française Medals	185, 201

280299

	PAGE
Alpha Omega Alpha Society	355
American Society for Steel Treating Prize	214
Ami (Dr. H.) Exhibition	95
Anatomy In Arts and Science	121
" In Medicine	319
" In Dentistry	364, 367
" In the Graduate School	416
Ancient History	133
Anglin-Norcross Prize	213
Animal Industry	417
Application for Admission	80, 105, 109, 305
Applied Mechanics. *See Civil Engineering.*	
Approved Lodgings	102
Architecture:—	
Curriculum	221
Department and Courses	244
School of	73
Arts and Science, Faculty of	108
Association of Registered Nurses Scholarship	495
Athletic Board, University	28
Athletics	105
Atholstan (Lord) Scholarship	98
Attendance, Rules Regarding	106
Babcock & Wilcox Scholarship	212
Bachelor of Architecture, Courses for	221
Bachelor of Arts Degree, Courses for	113, 115
Bachelor of Civil Law, Courses for	380
Bachelor of Commerce, Courses for	187
Bachelor of Engineering, Courses for	224
Bachelor of Household Science, Courses for	518
Bachelor of Library Science	472
Bachelor of Music Degree, Requirements for	389
Bachelor of Science Degree, Courses for, in Arts	118
Bachelor of Science in Agriculture	518
Bacteriology:—	
In Arts and Science	122
In Dentistry	365
In Medicine	328
In the Graduate School	418
Bar Regulations, Province of Quebec	382
Barclay Scholarship	179
Baylis Scholarship	215
Beatty (Dr. E. W.) Scholarships	99
Bedford Graduates' Society's Scholarship	96
Biochemistry:—	
In Arts and Science	123
In Dentistry	366
In Medicine	324
In the Graduate Faculty	420
Biology for Matriculation	89
Biology, Courses in	124, 172, 421, 471
Birks Scholarship	180
Board of Governors	23
Their Powers	69

	PAGE
Board and Residence	102
In the Graduate Women's Hostel	474, 497
In Royal Victoria College for Women	528
Botany:—	
In Arts and Science	124
In the Graduate School	421
For Matriculation	86
British Association Exhibition	213
British Association Medal	217
Browne (A. A.) Fellowship	314, 403
Bruce (Robert) Bursaries and Scholarships	98, 179, 212
Buildings	349
Bursaries in Engineering	212
Business Finance and Accounting	206
Business Organization, Course in	194
Caledonian Society Exhibition	213
Calendar of Meetings, etc	65
Canadian Institute of Mining and Metallurgy Prizes and Medal	214, 217
Canadian Officers' Training Corps	523
Canadian Pacific Railway Company's Scholarship	99, 212
Canadian Student Scholarships in Medicine	315
Caution Money	102
Certificates Accepted for Entrance	78, 94
Changing Courses	111
Chapman (Henry) Gold Medal	185
Chapman (Henry) Prize	186
Chartered Accountants, Four-Year Course for	202
Chemical Engineering, Curriculum	226
Chemical Engineering Department	248
Chemical Industry Society's Prize	214
Chemistry:—	
For Matriculation	85, 89
In Arts and Science	126
In Engineering	248
In the Graduate Faculty	425
In the School of Commerce	194
Cherry Prize	186
Children's Memorial Hospital	351
Children's Memorial Hospital Scholarship	495
Chinese Studies in Arts and Science	129
In the Graduate Faculty	431
Christie Storer Chapter Scholarship	99
Civil Engineering, Curriculum	228
Department and Courses	254
Civil Engineering, Graduate Courses in	431
Civil Law	380
Civil Procedure	381
Class of 1899 Fund	217
Classes of Students	104
Classification of Marks in the Graduate School	405

	Page
Classics, Undergraduate Courses in	130
" Graduate Courses in	433
Clinical Instruction in Dentistry	375
Colleges (Affiliated)	70
Colleges (Incorporated)	70
Commerce, School of	187
Commercial Law	381
In Commerce	202, 204
Commercial Society Loan Fund	201
Committees of Faculties	30
Committees of Governors and Corporation	26
Comparative Law	381
Concurrent Subjects in Engineering	284
Conflict of Laws, Course in	380
Conservatorium of Music	385
Constitution of the University	69
Constitutional Law	380
Cooper (James) Fellowships	314
Corporation, The	23
Cost of Education	102
Courses and Prerequisites	117
Courses for B.A.	113, 115
For Bachelor of Architecture	221
For Bachelor of Commerce	187
For B.C.L.	380
For B. Eng	224
For B.L.S.	472
For B.Sc. in Agriculture	518
For Bachelor of Household Science	518
For B.Sc.	118
For Mus. Bac.	389
For D.D.S.	361, 309
For M.D., C.M.	316, 319
For the Diploma of Public Health	347
For M.A.	406
For M.Sc.	407
For M. Eng.	407
For M.C.L.	408
For M. Com.	409
For Ph.D.	409
For D.C.L.	411
For D. Litt.	412
For D.Sc.	412
For Mus. Doc.	412
In the School for Graduate Nurses	498
In the Library School	476
In the School of Physical Education	484
Courses of Lectures in Arts and Science	121
" " Architecture	221
" " Commerce	187
" " Dentistry	364
" " Engineering	220
" " Law	380
" " Medicine	319
Courses of Lectures in Music	389
" " The Graduate Faculty	414

	Page
Criminal Law	380
Criminal Procedure	380
Crossley (Ethelwyn M.) Scholarship	473
Crowe (Harry J.) Scholarship	495
Crown and Bridge Work	367
Curriculum in Engineering	220
Dates for Session 1932–33	65
Dawson (Sir William) Scholarship	179
Dawson (Sir William) Exhibition	214, 400
Dawson (Sir William) Fellowship	215
Degrees, Engineering	218
Degrees, General	111, 115, 118
Degrees, Honour	111, 113, 118
Degrees Granted by the University	72, 109
Degrees in the Graduate Faculty	399
Delta Upsilon Scholarship	216, 399
Dental Anatomy	368
Dental Council, Dominion	359
Dental Faculty	357
Dental History, Ethics and Office Management	368
Dental Instruments	360
Dental Jurisprudence	368
Dental Metallurgy	369
Dental Pathology	372
Dental Surgery	369
Dentistry, Faculty of	357
Department of Extra-Mural Relations	515
Department of Physical Education	173, 520
Dermatology	335
Descriptive Geometry	259
Diocesan College	71
Diploma for Graduate Nurses	490
Diploma of Licentiate in Accountancy	190
Diploma of Licentiate in Music	392
Diploma in Physical Education	483
Diploma of Public Health	347
Diplomas for Teaching	136
Diplomas Granted by the University	74
Distinction in General Course in Arts and Science	116
Doctor of Civil Law Degrees	411
Doctor of Dental Surgery, Course for	361
Doctor of Literature Degree	412
Doctor of Medicine Degree	309
Doctor of Music Degree	412
Doctor of Philosophy Degree	409
Doctor of Science Degree	412
Dominion Dental Council	359
Dominion Registration for Medical Students	317
Douglas (Dr. James) Bursaries	215
Douglas (Dr. James) Fellowship in Mining Engineering	400
Douglas (Dr. James) Fellowship in Pathology	314
Drake (Joseph Morley) Prize	313

	PAGE
Drawing, Department and Courses	259
Drawing, for Matriculation	86
Economics, Graduate Courses in	435
Economics, Courses in Arts and Science	133
Courses in Commerce	195, 205
Education, In Arts and Science	135
In the Graduate Faculty	436
Electrical Engineering, Curriculum	230
Department and Courses	260
Graduate Courses in	437
Embryology	148, 320
Emeritus Professors	33
Engineering, Faculty of	209
Engineering Courses for First Two Years	224, 225
Engineering Institute of Canada Prizes	214
Engineering Law	263
Engineering Physics	120, 238
Engineering Practice	263
Engineering Societies	219
English:—	
Courses in (Arts and Science)	138
" (Graduate)	438
For Matriculation	80, 89
In the School of Commerce	196
Entomology, Graduate Courses in	441
Entrance Examinations	77
See under Junior Matriculation *and* Senior Matriculation.	
Entrance Requirements	77
See under Admission.	
Entrance Scholarships	95
Evidence, Course in	381
Examinations:—	
For Entrance	77
In Engineering	219
In Arts and Science	111
In Auditing and Accounting	208
In Dentistry	362
In Law	379
In Medicine	310
In Music	390
In the School of Physical Education	483
In the School for Graduate Nurses	496
Medical	105
Exhibition of 1851 Scholarship	401
Exhibitions, *see* Scholarships.	
Expenses of Board and Education	102
In the Royal Victoria College	528
Experimental Medicine, Graduate Courses in	443
Extension Lectures	516
Extra-Mural Relations, Department of	515
Faculties	72

	Page
Faculty of Arts and Science	72, 108
Of Agriculture	73
Of Dentistry	73, 357
Of Engineering	73, 209
Of Graduate Studies and Research	74, 397
Of Law	72, 376
Of Medicine	72, 295
Of Music	74, 385
Fairley (Grace) Trafalgar Scholarship	96
Farrand (Narcissa) Scholarship	96
Fees	101
In the Library School	473
In Medicine	307
In Music	386
In the Royal Victoria College	528
Library	525
Fees for Matriculation Examinations	77, 88
Fellows of the University	23
Fellowships for Graduates	399
Fellowships in Medicine	314
Field Schools:—	
In Geodesy	281
In Metallurgy	273
In Mining	279
In Surveying	282
Final Examinations	111
Fish (Nathan) Scholarship	180
Fitch (O. and S.) Prize	186
Flinn (John W.) Fellowship	314, 403
Forbes (Mildred Hope) Memorial Scholarship	495
Foundation of the University	68
Of the Faculty of Dentistry	357
Of Macdonald College	517
Of the Royal Victoria College	526
Four Year Course for Students' Accountancy Associations	202
French:—	
Courses in (Graduate)	467
" (Undergraduate)	166
For Matriculation	82, 91
In the School of Commerce	196
French Summer School	514
Freiman (A. J.) Prize	186
Frost (George Henry) Loan Fund	217
Garrow (Dr.) Scholarship	495
General Courses for B.A.	115
General Courses for B.Sc	118
General Degrees	111, 118
Genetics	417
Geodesy	280
Geological Sciences, Graduate Courses	445
" Undergraduate Courses	142, 264

	PAGE
Geometry:—	
Courses in Arts and Science	151
Descriptive	259
For Matriculation	84, 85, 93
German—For Matriculation	83, 91
Germanic Languages:—	
In Arts and Science	145
In the Graduate Faculty	447
In the School of Commerce	198
Girl Guides	480
Governing Body	23
Goldie-McCulloch Scholarship	212
Government of the University	69
Government Grants	519
Governor-General's Gold Medal	185
Governor-General's Silver Medal	399
Governors, Board of	23
Gowns	529
Grading in Medicine	312
Graduate Courses in Medicine	347
Graduate Fellowship in Economics	401
Graduate Nurses, School for	75, 490
Graduate Studies and Research (Faculty of)	74, 397
Graduate Women's Hostel	474
Graduates	104
Graduates' Society	32
Gramophone Records	516
Greek:—	
Courses in (Graduate)	433
" (Undergraduate)	130
For Matriculation	82, 91
Gynæcology	344
Harrington (Dr. B. J.) Research Scholarship	215, 400
Health of Students	105
Hebrew	154
Hersey (Dr. Milton L.) Prize	214
High School Diploma	136
Hils (Joseph) Prize	313
Histology	148, 320
Historical Calendar (Faculty of Medicine)	295
Historical Geology	291
History (Undergraduate Courses)	148
Ancient	133
For Matriculation	81, 92
Graduate Courses	447
Of the Faculty of Dentistry	357
Of the Faculty of Medicine	295
Of the Royal Victoria College	526
Of the University	68
History of Medicine, Course in	338
Hoare (Walter J.) Scholarship	315
Hodgson (Sidney J.) Scholarship	95
Holmes Gold Medal	313

PAGE

Honour Courses for B.A. 113
For B.Sc. 120
Honour Degrees 111, 118
Hoods 529
Hospitals 350
Household Science 74, 518
Houston Scholarship 179
Hunt (Dr. T. Sterry) Scholarship 216, 400
Hygiene, Courses in 329

Immunology 122
I.O.D.E. Bursaries 96, 212
I.O.D.E. Scholarships 402
Incorporated Colleges 70
Instruments, Dental 360
Interim Tests 111
Intermediate Diploma Scholarship 96
International Law, Course in 380
Italian for Matriculation 84

Jackson (Slater) Prize 314
Jenkins Brothers' Scholarship 213
Jones (Hon. Robert) Scholarship 97, 212, 215
Junior Matriculation Examination 77
Jurisprudence, Dental 368

Laboratories 286
Lantern Slides 515
Latin:—
Courses in (Graduate) 434
" (Undergraduate) 132
For Matriculation 82, 92
Law (Clara) Fellowship 314, 403
Law for Engineers 263
Law, Faculty of 376
Law in the School of Commerce 198
Legal History, Course in 380
Leroy Fellowship 216, 400
Libraries, Special, in Engineering 286
Library, Dental 375
Library Fees 525
Library, Law 378
Library, Medical 353
Library, Osler 354
Library School 74, 472
Library, The University 524
Licerse Requirements in Medicine 316
Licertiate in Accountancy, Diploma of 190

	PAGE
Licentiate in Music, Diploma of	392
Lieutenant-Governor's Medals	185, 201, 217, 313, 360, 483, 496
Limited Undergraduates	104, 108
Lindsay (C. W.) Scholarship	315
Loan Fund in Commerce	201
" " " Royal Victoria College	528
Loan Funds in Engineering	217
Local Centre Examinations in Music	392
Local Centres, Music	393
Lodgings, Approved	102
Lodgings Committee	32
Logan Gold Medal	185
Lyceum Lectures	515
Lyman (Hannah Willard) Exhibition	183
McCall (James Darling) Scholarship	178
McCrae (John) Fellowship	314, 403
Macdonald College	517
Macdonald College Alumni Association Scholarship	401
Macdonald (W. C. Macdonald, Reg'd) Graduate Scholarships	135
Macdonald (Sir William) Scholarships	97, 182
Macdonald (Sir William) Travelling Scholarship in Law	377
Macintosh (Annie) Prize	186
MacKay (H. M.) Memorial Scholarship	215
Mackenzie Scholarships	179
Macnaghten (Chester) Prize	186
McLennan (Hugh) Memorial Scholarship	216
MacRae (Isabella) Scholarship	99, 212
Major and Minor Subjects in the Faculty of Graduate Studies	404
Marine Insurance	201
Maritime Law	381
Master of Arts Degree	406
Master of Civil Law	408
Master of Commerce Degree	409
Master of Engineering Degree	407
Master of Science Degree	406
Materia Medica	369
Mathematics Courses:—	
In Arts and Science	151
In Engineering	266
In the Faculty of Graduate Studies	448
In the School of Commerce	198, 202, 204
For Junior Matriculation	84, 85
For Senior Matriculation	93
Matriculation:—	
Junior Matriculation	77
Senior Matriculation	87
M.D. Degree, Requirements for	309, 316
Mechanical Engineering, Curriculum	232
Department and Courses	268
Graduate Courses in	450

	PAGE
Medals in Engineering	217
In Arts and Science	185
In Commerce	201
In Dentistry	360
In the Graduate Faculty	399
In Gymnastics	521
In Law	377
In Medicine	313
In the School of Physical Education	483
In the School for Graduate Nurses	495
Medical Council Registrars	317
Medical Examination	105
Medical Library	353
Medical Societies	355
Medicine, Course in	334
Medicine, Faculty of	72, 295
Medicine, Members of Faculty since its origin	298
Medicine, Requirements for license to Practise	316
Metallurgical Engineering, Curriculum	234
Department and Courses	272
Graduate Courses in	450
Metallurgy (Dental)	369
Microscopes	308
Mid-Sessional Examinations	111
Military Training	523
Mills (Major Hiram) Gold Medal	185
Mills (Major Hiram) Scholarship	182
Mineralogy (Undergraduate Courses)	142
Graduate Courses	445
Mining Engineering, Curriculum	236
Department and Courses	276
Graduate Courses in	452
Field School	279
Laboratories	278
Minor Subjects in the Faculty of Graduate Studies	404
Molson (Anne) Gold Medal	185
Montreal Bar Association Prize	377
Montreal Foundling and Baby Hospital	352
Montreal General Hospital	351
Montreal Light, Heat & Power Company's Prize	214
Montreal Manufacturers' Fellowship	401
Moot Courts	378
Morris (Alexander) Exhibition	377
Moyse Travelling Scholarships	402
Municipal Law	381
Murray (Howard) Scholarships	180, 201
Mus. Bac. Degree	389
Mus. Doc. Degree	412
Music Examinations	390
Music, Faculty of	74, 385
Music for Matriculation	86
Narcissa Farrand Scholarship	96

	PAGE
National Research Council Scholarships	402
Neurology	339
Neurosurgery	339
Notaries	384
Nurses, School for Graduate	490
Nutrition	417
Nutting (Charles Albert) Prize	378
Obstetrics	343
Office Attendance in Law	379
Officers of Faculty of Medicine since Foundation	298
Officers of Instruction	35
Officers' Training Corps	523
Officials, University	21
Oliver (Allen) Fellowship	400
Oliver (Allen) Gold Medal	185
Operative Dentistry	370
Ophthalmology	344
Oriental Languages	154
Oriental Languages, Graduate Courses in	454
Orthodontia	371
Orthopedic Surgery	340
Osler Library	354
Osler Society	356
Oto-Laryngology	345
Ottawa Valley Graduates' Society's Exhibition	95
Pædiatrics	335
Palæontology:—	
Graduate Courses	445
Undergraduate Courses	142
Parasitology	417
Partial Students	104, 108
Pathological Chemistry	324
Pathological Institute	349
Pathology in Dentistry	372
In Medicine	325
In the Graduate Faculty	455
Pathology, Plant	424
Penhallow Prize	186
Peterson Memorial Prize	186
Peterson Memorial Scholarships	180
Pettes, Mrs. N. (Narcissa Farrand):—	
Scholarship	96

	PAGE
Pharmacology in Dentistry	366
" In Medicine	332
" In the Graduate School	457
Pharmacy, Subject of, in Dentistry	373
Philology, Comparative	434
Ph.D. Degree, Requirements for	409
Philosophy (Graduate Course)	458
" (Undergraduate Courses)	155
Physical Education for Women	175
Physical Education, Department of	173, 520
Physical Education, School of	75, 478
Physical Examination	105
Physical Geography	86
Physics:—	
Courses in Arts and Science	159
" Engineering	279
" Commerce	199
" the Graduate Faculty	458
For Matriculation	85, 93
Physics, Engineering	120
Physiology:—	
In Arts and Science	162
In Dentistry	373
In Medicine	321
In the Graduate School	464
Pianoforte Teachers' Diploma	392
Pierce (A.) Prize	186
Plant Pathology	423
Political Science Course in Arts and Science	133
(Graduate Courses)	435
Courses in Commerce	195
Porter (Dr. J. B.) Prize	214
Porter (Dr. J. B.)Scholarship	216, 400
Pre-Professional Courses in Arts and Science	120
Prerequisite Subjects in Engineering	284
" " Arts and Science	117
Presbyterian College	71
Presbyterian College Scholarships	100
Preventive Medicine	329
Primary Prize in Medicine	313
Prince of Wales Gold Medal	185
Privileges for Holders of Degrees in Engineering	218
Prizes in Arts and Science	186
In Engineering	212
In Commerce	201
In Dentistry	360
In Gymnastics	521, 522
In Law	377
In the Library School	473
In Medicine	313
In the School for Graduate Nurses	495
In the School of Physical Education	483
Probation, Regulations in Arts and Science	111
Professional Faculties, Entrance to	120
Professors, List of	35
In Medicine Since Its Foundation	298

	Page
Promotion in Arts and Science, Rules	112
In Medicine	312
Prosthetic Dentistry	374
Prosthetic Treatment of Cleft Palate	374
Province of Quebec Scholarships	401
Protestant Verdun Hospital	352
Provincial Government Grants	519
Provincial Registration for Medical Students	317
Provincial Registration for Dental Students	358
Psychiatry	335
Psychology, Graduate Courses in	464
Psychology, Undergraduate Courses in	163, 323
Public Health	329
Public Health, Diploma of	347
Purvis (A. B.) Scholarship	315
Quebec Province Scholarships	401
Radio	516
Reciprocity with Great Britain (Medicine)	317
Redpath (Jane) Scholarship	178
Reford Scholarship	179
Reid (Helen R. Y.) Prize	496
Registered Nurses' Scholarship	495
Registrars of Provincial Dental Councils	358
Registrars of Provincial Medical Councils	317
Registration Figures	531
Registration (University)	106, 110, 305, 398, 472, 494
Requirements for Licence to Practise Medicine	316
Research, Social Science	75
Research Council Scholarships (National)	402
Residence in The Graduate Hostel	474
Residence in Royal Victoria College	528
Resident Study in Graduate Faculty	404
Rhodes Scholarship	402
Robertson (Louis) Prize	213
Roman Law, Course in	380
Romance Languages, Undergraduate Courses	166, 196
Romance Languages, Graduate Courses in	467
Ross (P.S.) Exhibition	212
Rowat (Thomas Alexander) Scholarship	378
Royal Bank Fellowship in Commerce	201
Royal Commissioners for 1851 Scholarship	401
Royal Edward Institute	352
Royal Society of Canada Fellowships	402
Royal Victoria College for Women	526
Royal Victoria College Scholarships	97, 528
Royal Victoria Hospital	350

PAGE

Royal Victoria Hospital Scholarship 495

Scholarships:—
Entrance 95
For Graduates 399
General Regulations 178
In Arts and Science 178
In Engineering 212
In Commerce 201
In Law 377
In the Library School 473
In Medicine 314
In the School for Graduate Nurses 495
School, The Library 74
School of Architecture 73, 244
School of Commerce 187
School for Graduate Nurses 75, 490
School of Household Science 74, 517
School for Teachers 517
School of Physical Education 75, 478
Scientific Management, Course in 194
Scott (Barbara) Scholarship 178
Scott Exhibition 213
Second Year Scholarships in Arts and Science 180
Semitic Languages:—
In Arts and Science 154
In the Graduate Faculty 454
Senior Matriculation Examination 88
Shakspere Gold Medal 185
Sharp (F. W.) Prize in Commerce 201
Shaw (Flora Madeline) Memorial Fund 495
Shriners' Hospital Scholarship 495
Silver (Edith) Memorial Scholarship 98
Snyder (Charles William) Scholarship 179
Societies, Engineering 219
Societies, Medical 355
Society of Chartered Accountants' Prize 201
Society of Chemical Industry Prize 214
Sociology, Course in (Undergraduate) 170
Sociology, Graduate Courses in 468
Social Science Research 75
Spanish 199
For Matriculation 83, 93
Staff 35
Standing and Promotion in Engineering 284
Stevenson Gold Medal 360
Stewart (Alexander D.) Prize 314
Stewart (Neil) Prize 186
Strathcona Certificate Course 483
Strathcona Prizes for Physical Education 522
Students, Classes of 104
Subjects of Entrance Examinations 80
Summer Essays and Reading in Engineering 240

	PAGE
Summer Schools:—	
In Engineering	239
In French	514
In Mining	279
In Surveying	282
Supplemental Examinations	112
Surgery, Courses in	339
" Dental	369, 374
Surveying	280
Sutherland Gold Medal	313
Teacher Training	136
Tests (Interim)	111
Theological Colleges, Affiliated	71
Theological College Scholarships	100
Theological Studies, Graduate Courses in	470
Therapeutics:—	
In Medicine	332
In Dentistry	369
Theses, Regulations	413
Third Year Scholarships in Arts and Science	182
Tighe (James) Prize	213
Torrance (Elizabeth) Gold Medal	377
Trafalgar (Grace Fairley) Scholarship	96
Training of Teachers	136
Transportation, Course in	201
Trigonometry:—	
Courses in Arts and Science	151
For Matriculation	85, 93
Turner (P. J.) Prize	214
Undergraduates	104, 108
Undergraduates' Society's Prize in Engineering	214
United Theological College	71
United Theological College Scholarships	100
University Entrance Scholarships	97
University Women's Federation Scholarship	403
Urology, Course in	340
Vaccination	105
Victorian Order of Nurses' Scholarship	496
Vineberg (Hiram N.) Scholarship	403
Waddell Loan Fund	217, 403
Wales (Prince of) Gold Medal	185

	Page
Wicksteed Medals for Physical Education	521
Williams (Dr. J. Francis) Fellowship	315
Women Students	108, 404
Wood Gold Medal	313

Zoology:—	
Courses in Arts and Science	172
" the Graduate Faculty	471

ADMINISTRATIVE OFFICERS

THE UNIVERSITY

The Principal.....Sir Arthur Currie, G.C.M.G., K.C.B., LL.D.
Secretary and Bursar.....A. P. S. Glassco, B.Sc.
Registrar.....T. H. Matthews, M.A.
Director of Extra-Mural Relations...Wilfrid Bovey, B.A., LL.B.
Librarian.....G. R. Lomer, M.A., Ph.D.
Warden of the Royal Victoria College..Mrs. Walter Vaughan, M.A
Comptroller.....William Bentley, C.G.A.
Superintendent of Buildings.....P. W. MacFarlane.
Purchasing Agent.....John Finlay.

THE FACULTY OF ARTS AND SCIENCE

Dean of the Faculty and of the Arts Division.....Ira A. MacKay, M.A., LL.B., Ph.D., LL.D.
Dean of Science.....F. M. G. Johnson, M.Sc., Ph.D., F.R.S.C.
Director-Secretary of the School of Commerce.....R. M. Sugars, M.A., A.I.A., C.P.A
Secretary to the Dean of the Faculty.....Miss M. D. Field.

THE FACULTY OF MEDICINE

Dean.....C. F. Martin, B.A., M.D., C.M., LL.D.
Secretary.....J. C. Simpson, B.Sc., LL.D.

THE FACULTY OF ENGINEERING

Dean.....Ernest Brown, M.Sc., M.Eng.
Secretary.....R. de L. French, B.Sc., C.E.

THE FACULTY OF DENTISTRY

Director of the Dental Clinic.....A. L. Walsh, D.D.S.

THE FACULTY OF MUSIC

Dean.....Douglas Clarke, M.A., Mus.B. F.R.C.O.
Secretary of the Conservatorium.....R. de H. Tupper.

THE FACULTY OF LAW

Dean.....PERCY ELLWOOD CORBETT, M.A.
Secretary.....F. R. SCOTT, B.A., B. Litt., B.C.L.

THE FACULTY OF GRADUATE STUDIES AND RESEARCH

Dean.....A. S. EVE, C.B.E., M.A., D.Sc., F.R.S.C., F.R.S.
Vice-Chairman.....F. M. G. JOHNSON, M.Sc., Ph.D. F.R.S.C.

THE DEPARTMENT OF PHYSICAL EDUCATION

Director.....A. S. LAMB, M.D., B.P.E.
University Medical Officer.....F. W. HARVEY, B.A., M.D.
Physical Director for Women.....JESSE S. HERRIOTT, B.Sc., M.A. Graduate of the New Haven Normal School of Gymnastics.
Athletic Manager.....D. STUART FORBES, M.C., B.Arch., B.Sc.

THE SCHOOL FOR GRADUATE NURSES

Director.....BERTHA HARMER, M.A., R.N.

LIBRARY SCHOOL

Director.....G. R. LOMER, M.A., Ph.D.
Assistant Director.....MARY DUNCAN CARTER, Ph.B., B.L.S.

MACDONALD COLLEGE

Dean, Faculty of Agriculture.....H. BARTON, B.S.A., D.Sc.A.
Dean, School for Teachers.....SINCLAIR LAIRD, M.A., B.Phil.
Head, School of Household Science..BESSIE M. PHILP.
Bursar.....T FRED. WARD.
Registrar.....W. J. WRIGHT.

Governing Body of the University

Visitor

His Excellency The Right Honourable The Earl of Bessborough, G.C.M.G., LL.D., Governor-General of The Dominion of Canada.

Governors

Edward W. Beatty, B.A., LL.D., K.C., Chancellor.
Sir Arthur William Currie, G.C.M.G., K.C.B., LL.D., Principal and Vice-Chancellor.
W. M. Birks.
J. W. Ross, LL.D.
Sir Charles B. Gordon, G.B.E.
Sir Herbert S. Holt, Kt., LL.D.
Albert J. Brown, B.A., B.C.L., LL.D., K.C.
Lieut.-Col. Robert Starke.
Lieut.-Col. Herbert Molson, C.M.G., M.C., B.Sc., LL.D.
Huntly R. Drummond.
P. P. Cowans.
Right Hon. Lord Atholstan, LL.D.
J. W. McConnell.
T. B. Macaulay, LL.D.
W. A. Black.
F. N. Southam.
Julian C. Smith, M.E., LL.D
Walter M. Stewart.
The Honourable Smeaton White, D.C.L.
W. W. Chipman, B.A., M.D., LL.D.
George C. McDonald, B.A.
Paul F. Sise, B.Sc.
George S. Currie, B.A.
Homer M. Jaquays, M.A.Sc.

Principal

Sir Arthur William Currie, G.C.M.G., K.C.B., LL.D.

Fellows

(*Ex-Officio*)

Ira A. MacKay, M.A., LL.B., Ph.D., LL.D. Dean of the Faculty of Arts and Science.

C. F. MARTIN, B.A., M.D., C.M., LL.D., Dean of the Faculty of Medicine.
PERCY E. CORBETT, M.A., Dean of the Faculty of Law.
E. BROWN, M.Sc., M.Eng., Dean of the Faculty of Engineering.
G. S. H. BARTON, B.S.A., D.Sc.A., Dean of the Faculty of Agriculture.
————————, Dean of the Faculty of Dentistry.
DOUGLAS CLARKE, M.A., Mus. B., F.R.C.O., Dean of the Faculty of Music.
A. S. EVE, C.B.E., D.Sc., F.R.S., Dean of the Faculty of Graduate Studies and Research.
F. M. G. JOHNSON, Ph.D., F.R.S.C., Dean of Science in the Faculty of Arts and Science.
MRS. WALTER VAUGHAN, M.A., Warden of the Royal Victoria College.
SINCLAIR LAIRD, M.A., B.Phil., Officier de l'Instruction Publique, Dean of the School for Teachers, Macdonald College.
GERHARD R. LOMER, M.A., Ph.D., Librarian.
ARTHUR S. LAMB, B.P.E., M.D., Director of the Department of Physical Education.
R. M. SUGARS, M.A., A.I.A., C.P.A., Director-Secretary of the School of Commerce.
MISS BESSIE M. PHILP, Head of the School of Household Science.

To retire September 30th, 1933.

J. W. JEAKINS, B.A., Representative Fellow in Arts and Science.
REV. E. LESLIE PIDGEON, B.A., D.D., Governors' Fellow.
HON. CYRUS MACMILLAN, M.A., Ph.D., Elective Fellow, Faculty of Arts and Science.
WILLIAM DUDLEY WOODHEAD, Ph.D., Elective Fellow, Faculty of Arts and Science.
REV. JAMES SMYTH, B.A., LL.D., D.D., Representative Fellow, United Theological College, Principal of the College.
R. J. DURLEY, B.Sc., Representative Fellow in Engineering.
MISS HELEN RICHMOND YOUNG REID, B.A., LL.D., Governors' Fellow.
HOWARD MURRAY, Governors' Fellow.
D. C. LOGAN, B.A., Representative Quebec Association of Protestant Teachers.
IRVIN COOPER, Mus. Bac., Elective Fellow, Faculty of Music.
H. R. CLEVELAND, D.D.S., Representative Fellow in Dentistry.
DOROTHY ARMSTRONG, Mus.Bac., Representative Fellow in Music.

To retire September 30th, 1934.

REV. G. ABBOTT-SMITH, M.A., D.D., D.C.L., Representative Fellow, Montreal Diocesan Theological College, Principal of the College.
C. E. FRYER, Ph.D., Elective Fellow, Faculty of Arts and Science.

SIR ANDREW MACPHAIL, KT., O.B.E., B.A., M.D., LL.D., M.R.C.S., Elective Fellow, Faculty of Medicine.
REV. GEORGE H. DONALD, M.A., D.D., Governors' Fellow.
F. CLARKE, M.A., Governors' Fellow.
S. G. DIXON, B.A., B.C.L., Representative Fellow in Arts and Science.
D. GRANT CAMPBELL, B.A., M.D., Representative Fellow in Medicine.
W. G. MCBRIDE, B.Sc., M.I.M.M., Elective Fellow, Faculty of Engineering.
BROOKE CLAXTON, B.C.L., Representative Fellow in Law.
E. A. MCMAHON, B.S.A., Representative Fellow in Agriculture.

To retire September 30th, 1935

REV. F. SCOTT MACKENZIE, M.A., Representative Fellow, Presbyterian College, Montreal, Principal of the College.
A. G. NICHOLLS, M.A., M.D., D.Sc., Representative Fellow in Medicine.
G. MCL. PITTS, M.Sc., B. Arch., Representative Fellow in Engineering.
D. CUSHING, B.A., B.C.L., Representative Fellow in Law.
HON. MR. JUSTICE E. EDWIN HOWARD, B.A., B.C.L., K.C., Elective Fellow, Faculty of Law.
A. GRANT FLEMING, M.D., D.P.H., Elective Fellow, Faculty of Medicine.
J. J. O'NEILL, Ph.D., F.R.S.C., Elective Fellow, Faculty of Engineering.
H. B. PARKER, M.A., Governors' Fellow.
J. F. SNELL, B.A., Ph.D., Elective Fellow, Faculty of Agriculture.
O. B. REXFORD, B.A., Governors' Fellow.
J. G. MACDOUGALL, M.D., Representative Fellow, Maritime Provinces and Newfoundland.
T. T. IRVING, B.Sc., Representative Fellow, Province of Ontario.
A. C. RUTHERFORD, B.A., B.C.L., LL.D., Representative Fellow, Western Provinces.
E. E. BILLINGTON, M.Sc., Representative Fellow, Countries outside of Canada.

The Governors, Principal and Fellows constitute, under the Charter, the Corporation of the University.

Committees

FINANCE COMMITTEE OF THE GOVERNORS

(Meetings at the call of the Chairman.)

J. W. Ross, *Chairman and Honorary Treasurer*

Sir Arthur Currie	J. W. McConnell
W. M. Birks	F. N. Southam
Sir Charles B. Gordon	J. C. Smith
A. J. Brown	G. S. Currie

A. P. S. Glassco, *Secretary*

UNIVERSITY LIBRARY COMMITTEE

(Meetings on October 11th, 1932, January 10th, 1933, and April 4th, 1933, at 5 p.m.)

Members ex-officio.

Sir Arthur Currie, *Chairman.*
Dr. G. R. Lomer (Librarian), *Secretary.*

To retire in 1933.

Prof. G. W. Latham (*Representing Arts and Science*).
Dr. W. G. M. Byers (*Representing Medicine*).
Dr. C. W. Colby (*Representing Corporation*).
Mrs. Walter Vaughan (*Representing the Royal Victoria College*).
Prof. J. C. Hemmeon (*Representing the Faculty of Graduate Studies*).
Dr. W. H. Barnes (*Representing the Faculty of Engineering for Science Libraries*).
Mrs. M. D. Carter (*Representing the Library School*).

To retire in 1934.

Dr. Francis McLennan (*Representing the Governors*).
Prof. F. R. Scott (*Representing Law*).
Dr. W. D. Lighthall (*Representing Corporation*).
F. Cleveland Morgan, M.A. (*Representing Corporation*).
Rev. Dr. F. Scott Mackenzie (*Representative Fellow*).
Dr. C. F. Wylde (*Honorary Librarian, Faculty of Medicine*).

To retire in 1935.

Dr. W. W. Francis (*Representing The Osler Library*).
Dr. C. E. Fryer (*Representing Arts and Science*).
Prof. R. de L. French (*Representing Engineering*).
Prof. R. M. Sugars (*Representing Corporation*).
Dean C. F. Martin (*Representing Medicine*).
Prof. A. L. Walsh (*Representing Dentistry*).

COMMITTEE ON MORALS AND DISCIPLINE

The Principal and Deans

COMMITTEE ON STUDENTS' SOCIAL FUNCTIONS

WILFRID BOVEY, *Chairman*

T. H. MATTHEWS
MRS. WALTER VAUGHAN
MISS J. S. HERRIOTT
PROFESSOR J. J. O'NEILL
A representative of the Students' Council.
A representative of the McGill Women Students' Society.

COMMITTEE ON COMMERCIAL STUDIES

SIR ARTHUR CURRIE, *Chairman*

DEAN IRA A. MACKAY
PROF. J. P. DAY
PROF. S. B. LEACOCK
PROF. R. R. THOMPSON
PROF. HERBERT TATE
PROF. R. M. SUGARS
PROF. PAUL VILLARD

Assessors

H. M. JAQUAYS
GEORGE HODGE
DR. D. M. MARVEN
G. C. MCDONALD
JOHN T. STEVENS
HOWARD MURRAY

COMMITTEE ON THE SCHOOL FOR GRADUATE NURSES

MABEL F. HERSEY, R.N., *Chairman*

SIR ARTHUR CURRIE
DEAN C. F. MARTIN
PROF. A. G. FLEMING
PROF. A. T. BAZIN
MRS. R. WILSON REFORD
DEAN IRA A. MACKAY
DR. HELEN R. Y. REID
MISS MABEL KATHLEEN HOLT (General Hospital)
MISS MARGARET L. MOAG
MISS MARY SAMUEL
MISS BERTHA HARMER

COMMITTEE ON PHYSICAL EDUCATION

SIR ARTHUR CURRIE, *Chairman*

DR. FRED. J. TEES
COL. HERBERT MOLSON
A. P. S. GLASSCO
DEAN E. BROWN
WALTER MOLSON
MRS. WALTER VAUGHAN
DEAN A. S. EVE
PROF. C. S. LEMESURIER
PROF. J. C. SIMPSON
PROF. A. GRANT FLEMING

DR. A. S. LAMB, *Secretary*

THE ATHLETIC BOARD

SIR ARTHUR CURRIE, *Chairman*

A. P. S. GLASSCO
PROF. J. C. SIMPSON
DR. A. S. LAMB
DR. F. J. TEES
WALTER MOLSON
J. A. HUTCHINS
G. B. GLASSCO
S. B. MILLEN
P. P. HUTCHISON
A. D. NESBITT
R. B. CALHOUN

D. STUART FORBES, *Secretary*

EXECUTIVE COMMITTEE

DR. A. S. LAMB
D. STUART FORBES
A. D. NESBITT
R. B. CALHOUN
J. A. HUTCHINS

COMMITTEE ON EXTENSION COURSES AND UNIVERSITY LECTURES

SIR ARTHUR CURRIE, *Chairman*

PROF. T. H. CLARK
PROF. F. CLARKE
PROF. W. H. HATCHER
PROF. D. A. KEYS
PROF. N. B. MACLEAN
PROF. C. MACMILLAN
PROF. A. S. NOAD
T. H. MATTHEWS

WILFRID BOVEY, *Secretary*

THE McCORD NATIONAL MUSEUM COMMITTEE

(Meetings at 5 p.m. on the first Thursday of each month during the session.)

General Committee

Sir Arthur Currie, *Chairman*

Dr. C. W. Colby	Hugh Mackay
Dr. W. D. Lighthall	Dr. G. R. Lomer
Dr. Francis McLennan	A. P. S. Glassgo
F. Cleveland Morgan	C. A. de L. Harwood
R. W. Reford	S. M. Baylis
Prof. Ramsay Traquair	W. Pemberton Smith
Lieut.-Col. William Wood	Prof. Paul Villard

Prof. T. W. L. MacDermot, *Secretary*

Advisory Members

A. G. Doughty — Dr. Clarence Webster

Lieut.-Colonel William Wood

COMMITTEE ON MILITARY INSTRUCTION

Lt.-Col. R. R. Thompson, *Chairman*

Prof. C. M. McKergow	Lt.-Col. Robert Starke
Brigadier-General W. O. Dodds	Lt.-Col. A. A. Magee
Colonel H. M. Wallis	Lt.-Col. Wilfrid Bovey
Major Wyatt Johnston	Lt.-Col. E. B. Q. Buchanan
Professor J. P. Day	Lt.-Col. N. B. MacLean
Lt.-Col. C. B. Price	Major D. H. Macfarlane

Major J. W. Jeakins, *Secretary*

ADVISORY COMMITTEE ON AGRICULTURE

(Macdonald College)

F. E. M. Robinson (*Chairman*)	Richmond Jerseys Incorporated, Richmond, Que.
Edgar C. Budge (*Secretary*)	Budge Carbon Paper Co., Montreal
R. R. Ness	Howick, Que.
Fred. Kay	Philipsburg, Que.
P. C. Armstrong	Room 351, Windsor Station, Montreal, Que.
J. E. Chandler	Sun Life Assurance Co., Montreal
David Black	Lachute, Que.
Lieut.-Col. W. A. Grant	Coteau de Lac, Que.; winter address: Ritz-Carlton Hotel, Montreal.
Peter Reid	Chateauguay Basin, Que.

GENERAL MUSEUMS COMMITTEE

Sir Arthur Currie, *Chairman*

Dean C. F. Martin
Prof. Arthur Willey
Dr. G. R. Lomer
Prof. F. E. Lloyd
Prof. T. H. Clark
Prof. W. H. Brittain
Dr. F. McLennan
F. Cleveland Morgan
Prof. J. J. O'Neill
Prof. T. W. L. MacDermot
Prof. F. Clarke
Prof. R. Traquair

E. L. Judah, *Secretary.*

EXECUTIVE COMMITTEE

Dr. G. R. Lomer
Prof. T. H. Clark
Prof. T. W. L. MacDermot
E. L. Judah, *Secretary*

CONSULTATIVE COMMITTEE ON MATHEMATICS AND KINDRED SUBJECTS

Prof. C. T. Sullivan
Prof. O. Maass
Prof. C. V. Christie
Dean E. Brown
Dean A. S. Eve

EXECUTIVE COMMITTEE OF THE FACULTY OF GRADUATE STUDIES

Dean A. S. Eve, *Chairman*
Dean F. M. G. Johnson, *Vice-Chairman*
Dean Ira A. MacKay
Dean E. Brown
Prof. J. B. Collip
Prof. W. D. Woodhead

MATRICULATION BOARD

Sir Arthur Currie, *Chairman*

Dean A. S. Eve
Dean Ira A. MacKay
Dean F. M. G. Johnson
Prof. W. D. Woodhead
Prof. René du Roure
Prof. F. Clarke
Dean Sinclair Laird
Prof. Cyrus Macmillan
Dean E. Brown
Prof. Nevil Norton Evans

T. H. Matthews (*Secretary*)

STANDING COMMITTEES OF THE FACULTY OF ARTS AND SCIENCE

The B.A. Advisory Committee

Dean Ira A. MacKay (*Chairman*)
Prof. Stephen B. Leacock
Prof. Cyrus Macmillan
Prof. René du Roure
Prof. W. D. Woodhead
Prof. C. E. Fryer

THE B.SC. COMMITTEE

DEAN F. M. G. JOHNSON (*Chairman*)
PROF. A. N. SHAW
PROF. C. T. SULLIVAN
PROF. J. J. O'NEILL
PROF. JOHN TAIT

THE B. COM. ADVISORY COMMITTEE

PROF. R. M. SUGARS (*Chairman*)
PROF. H. TATE
PROF. STEPHEN B. LEACOCK
DEAN IRA A. MACKAY
PROF. R. R. THOMPSON

The B.A., B.Sc. and B.Com. Advisory Committees also act together as a General Advisory Committee to the whole Faculty

SCHOLARSHIPS AND EXHIBITIONS COMMITTEE

DEAN A. S. EVE
PROF. W. D. WOODHEAD
PROF. J. P. DAY
DEAN IRA A. MACKAY
PROF. W. D. TAIT
PROF. C. T. SULLIVAN

COMMITTEE OF THE BOARD OF STUDENT ADVISERS

PROF. A. N. SHAW (*Chairman*)
PROF. C. H. CARRUTHERS
MRS. WALTER VAUGHAN
PROF. R. R. THOMPSON
PROF. A. S. NOAD
PROF. H. E. REILLEY

COMMITTEE ON ADMISSIONS AND MATRICULATION REQUIREMENTS

THE PRINCIPAL

DEAN IRA A. MACKAY
MRS. VAUGHAN
T. H. MATTHEWS
DEAN A. S. EVE
PROF. W. D. WOODHEAD
PROF. RENÉ DU ROURE
PROF. CYRUS MACMILLAN
PROF. C. E. FRYER
PROF. W. H. HATCHER
PROF. R. R. THOMPSON

STANDING COMMITTEES OF THE FACULTY OF ENGINEERING

ADMISSION TO ADVANCED STANDING FROM OTHER UNIVERSITIES

PROFESSORS N. B. MACLEAN (*Chairman*), A. R. ROBERTS, and R. E. JAMIESON

EXAMINATIONS AND TIME TABLES

PROFESSORS A. J. KELLY (*Chairman*) and R. E. JAMIESON

REGISTRATION, STANDING AND PROMOTION

PROFESSORS C. M. MCKERGOW (*Chairman*), N. N. EVANS, N. B. MACLEAN and R. E. JAMIESON

EMPLOYMENT

PROFESSORS R. DE L. FRENCH (*Chairman*), C. V. CHRISTIE and A. R. ROBERTS

UNIVERSITY LODGINGS COMMITTEE

WILFRID BOVEY T. H. MATTHEWS DR. A. S. LAMB

GRADUATES' SOCIETY

President—P. D. Ross, Sci. '78.
First Vice-President—J. W. JEAKINS, Arts '13.
Second Vice-President—G. G. GALE, Sci. '03.
Honorary Secretary—L. H. MCKIM, Med. '12.
Honorary Treasurer—W. A. MERRILL, Law '11.
Executive Secretary—G. B. GLASSCO, Sci. '05.

EXECUTIVE COMMITTEE

H. M. JAQUAYS, Arts '92, Sci. '96, *Past President;* J. DE G. BEAUBIEN, Sci. '06; L. C. MONTGOMERY, Med. '20; A. T. HENDERSON, Med. '13; A. S. DAWES, Ap. Sci. '10.

GRADUATES' EMPLOYMENT BUREAU

G. B. GLASSCO, B.Sc., *Director;* MISS A. D. DONNELLAN, B.A., *Secretary*

SOCIAL RESEARCH COUNCIL

SIR ARTHUR CURRIE, *Chairman*

JULIAN SMITH
A. B. WOOD
PROF. JOHN BEATTIE
PROF. FRED. CLARKE
DEAN P. E. CORBETT
DEAN IRA MACKAY
PROF. J. A. COOTE
PROF. GRANT FLEMING
PROF. J. C. HEMMEON
PROF. C. W. HENDEL
PROF. C. KELLOGG
DR. FRANK PEDLEY
PROF. C. A. DAWSON
GEORGE HODGE

L. C. MARSH, *Director*

Emeritus Professors

FRANK D. ADAMS, Ph.D. (Heidelberg), D.Sc., LL.D., F.R.S.
Emeritus Vice-Principal, Emeritus Dean of the Faculty of Graduate Studies and of the Faculty of Applied Science and Emeritus Professor of Geology and Palæontology. 1173 Mountain St.

GEORGE E. ARMSTRONG, C.M.G., M.D., LL.D. (Queen's), D.Sc. (Liverpool), M.Ch. (Dublin), Hon. Fellow Royal Academy of Medicine in Ireland. Hon. F.R.C.S. (Ireland).
Emeritus Professor of Surgery 1227 Sherbrooke St. W.

HERBERT S. BIRKETT, C.B., M.D., LL.D.
Emeritus Professor of Oto-Laryngology. 1190 Mountain St.

WILLIAM CALDWELL, D.Sc. (Edin.)
Emeritus Professor of Moral Philosophy. 900 Sherbrooke St. W.

WALTER WILLIAM CHIPMAN, B.A., M.D. (Edin.), LL.D. (Pittsburgh, Univ. of Wales and Acadia), F.R.C.S. (Edin.)
Emeritus Professor of Obstetrics and Gynæcology.
1221 Mountain St.

CARRIE M. DERICK, M.A.
Emeritus Professor of Comparative Morphology and Genetics.
1429 Crescent St.

F. G. FINLEY, C.B., M.B. (Lond.), M.D., LL.D.
Emeritus Professor of Medicine. 1551 Bishop St.

HON. THOMAS FORTIN, B.C.L., LL.L. (Laval), D.C.L.
Emeritus Professor of Law.

AIMÉ GEOFFRION, B.C.L., K.C.
Emeritus Professor of Civil Law. 815 Upper Belmont Ave.

THE HONOURABLE CHIEF JUSTICE R. A. E. GREENSHIELDS, B.A., B.C.L., LL.D., D.C.L. (Bishop's).
Emeritus Dean of the Faculty of Law and Emeritus Professor of Criminal Law. 3465 Simpson St.

F. C. HARRISON, D.Sc., F.R.S.C.
Emeritus Dean of the Faculty of Graduate Studies and Emeritus Professor of Bacteriology.
c/o Bank of Montreal, Waterloo Place, London, England.

HENRY A. LAFLEUR, B.A., M.D., LL.D. (Queen's).
Emeritus Professor of Medicine. 2011 Peel St.

A. B. MACALLUM, M.A., M.B. (Toronto), Ph.D. (Johns Hopkins), Sc.D., (Dublin, Yale, Toronto), LL.D. (Aberdeen, McGill), F.R.S.

Emeritus Professor of Bio-Chemistry.

317 Piccadilly St., London, Ont.

D. A. MURRAY, Ph.D. (Johns Hopkins).

Emeritus Professor of Mathematics. 3653 University St.

HARRY CRANE PERRIN, Mus. Doc. (Trinity College, Dublin).

Emeritus Dean of the Faculty of Music.

17 Queen's Park, Caterham, Surrey, England.

J. BONSALL PORTER, E.M., Ph.D. (Columbia), D.Sc., Hon. (Univ. Cape of Good Hope), M.I.C.E.

Emeritus Professor of Mining Engineering. 3600 McTavish St.

ARTHUR WILLEY, Hon. M.A. (Cantab.), D.Sc., F.R.S.C., F.R.S.

Emeritus Professor of Zoology Mille Isles, R.R. No. 1, Que.

Officers of Instruction

(Alphabetically arranged)

DOUGLAS C. ABBOTT, B.C.L.
Lecturer in Civil Procedure. 275 St. James St. W.

MAUDE E. ABBOTT, B.A., M.D. (Bishop's), M.D. Hon. (McGill), L.R.C.P. & S. (Edin.).
Assistant Professor of Medical Research and Curator of the Medical Museum. 900 Sherbrooke St. West.

REV. G. ABBOTT-SMITH, M.A., D.D., Hon. D.C.L. (Bishop's).
Professor of Jewish Hellenistic Literature. 3475 University St.

F. D. ACKMAN, M.D., C.M.
Demonstrator in Anatomy. 1374 Sherbrooke St. W.

E. R. ADAIR, M.A. (Cantab.), B.A. (Lond.).
Associate Professor of History. Arts Building.

W. W. ALEXANDER, M.D.
Assistant Demonstrator in Medicine. 3796 Harvard Ave.

CHARLES F. H. ALLEN, Ph.D. (Harvard).
Assistant Professor of Chemistry.
8 Perrault Ave., Ste. Anne de Bellevue, Que.

J. S. ALLEN, Ph.D.
Demonstrator in Chemistry. Chemistry Building.

GEORGE C. ANDERSON, M.D.
Demonstrator in Histology and Anatomy. 3500 Durocher St.

L. J. ARCAND, M.Sc.
Demonstrator in Drawing and Descriptive Geometry.
Engineering Building.

E. W. ARCHIBALD, B.A., M.D., Hon. F.R.C.S. (Eng.), F.R.C.S. (Canada).
Professor of Surgery and Director of the Department. Medical Building.

JOHN ARMOUR, M.Sc., M.D.
Demonstrator in Surgery. Royal Victoria Hospital.

HENRY F. ARMSTRONG, M.A.
Professor of Drawing and Descriptive Geometry. 1576 Summerhill Ave.

J. W. ARMSTRONG, B.A., M.D.
Demonstrator in Anæsthesia. 74 Courcelette Ave., Outremont.

JEANNETTE BABB.
Lecturer in Household Administration. Macdonald College.

BORIS P. BABKIN, M.D. (St. Petersburg), D.Sc. (Lond.), F.R.S.C.
Research Professor of Physiology. Biological Building.

A. D. Baker, M.Sc.
Assistant in Entomology. Macdonald College.

David H. Ballon, B.A., M.D.
Lecturer in Oto-Laryngology. 1471 Crescent St.

Walter Linley Barlow, B.A., M.D., F.R.C.S. (Canada).
Assistant Professor of Surgery. 4769 Sherbrooke St., Westmount.

W. H. Barnes, M.Sc., Ph.D.
Lecturer in Chemistry. Chemistry Building.

G. S. H. Barton, B.S.A. (Toronto), D.Sc.A. (Laval).
Dean of the Faculty of Agriculture and Professor of Animal Husbandry. Macdonald College.

Norah Bateson, B.A. (Manchester).
Certificate of Pratt Library School.
Instructor in the Library School. Library School.

Martha Batson, R.N.
Lecturer in Teaching Schools of Nursing, Montreal General Hospital School for Nurses.

W. A. G. Bauld, D.S.O., B.A. (Dalhousie), M.D., C.M., F.R.C.S.(Canada)
Lecturer in Obstetrics and Gynæcology. 1538 Sherbrooke St. W.

F. H. A. Baxter, D.D.S., L.D.S.
Professor of Operative Dentistry. 1117 St. Catherine St. W.

A. T. Bazin, D.S.O., M.D.
Professor of Surgery. 4064 Dorchester St., Westmount.

John Beattie, D.Sc. (Belfast), M.D.
Associate Professor of Anatomy. Medical Building.

W. W. Beattie, B.A., M.D., C.M.
Lecturer in Bacteriology. Pathological Institute.

Esther M. Beith, R.N.
Instructor in Child Welfare. 1421 Atwater Ave.

H. P. Bell, M.A. (Cantab.)
Lecturer in Musical Appreciation. Conservatorium of Music.

John W. Bell, M.Sc.
Professor of Mining Engineering. 4163 Western Ave., Westmount.

Marjorie Bell, B.Sc. in H.Ec. (Acadia).
Lecturer in Nutrition. Victorian Order of Nurses, Montreal.

Jean Belland
Instructor in Violoncello. Conservatorium of Music.

D. Maud Bellis.
Lecturer in Drawing and Interior Decoration. Macdonald College.

L. H. Bemont, B.S.
Lecturer in Poultry Husbandry. Macdonald College.

Margaret Bennett.
Lecturer in Rudiments of Music. Conservatorium of Music.

E. H. Bensley, M.D.
Assistant Demonstrator in Biochemistry. Biological Building.

JULIUS BERGER, M.A.
Lecturer in Semitic Languages. 3420 Grey Ave.

N. J. BERRILL, B.Sc. (Bristol), Ph.D., D.Sc. (London).
Associate Professor of Zoology. Biological Building.

JOHN BERRY, B.A.
Assistant in Sociology. Arts Building.

C. C. BIRCHARD, M.D. (Toronto), M.R.C.P. (Lond.)., F.R.C.P. (Canada).
Demonstrator in Medicine. 1487 Bishop St.

J. NORMAN BIRD, M.A. (Tor.), M.S.A.
Lecturer in Agronomy. Macdonald College.

R. D. BISSON, M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute.

C. R. BOURNE, M.D.
Demonstrator in Medicine.
2310 Dorchester St. West (Cor. Atwater).

WESLEY BOURNE, M.Sc., M.D.
Lecturer in Anæsthesia. 32 Holton Rd., Westmount.

D. J. BOWIE, B.Sc. (Med.), M.A., Ph.D. (Tor.).
Lecturer in Histology. Medical Building.

W. BOWIE.
Lecturer in The School of Physical Education.
Montreal Parks and Playgrounds Assn.

E. E. BOWKER, B. Com., M.A. (Alberta).
Graduate Fellow in Economics. Arts Building.

R. G. BOYD, B.A., M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute.

R. BOYER, B.Sc.
Graduate Assistant in Chemistry. Chemistry Building.

MRS. H. WISELY BRAGG.
Lecturer in Public Speaking in the School for Graduate Nurses.
616 Lagauchetiere St.

A. BRAMLEY-MOORE, B.A., M.D.
Assistant Demonstrator in Ophthalmology. 1440 Crescent St.

VICTOR BRAULT.
Instructor in Singing. Conservatorium of Music.

J. W. BRIDGES, B.A. (McGill), A.M., Ph.D. (Harvard).
Professor of Abnormal Psychology. Medical Building.

KATHARINE M. B. BRIDGES, B.Sc. (Manchester), M.A. (Toronto).
Assistant Professor of Abnormal Psychology. Medical Building.

MARTHA BRITT, B.S. (Columbia).
Lecturer in Textiles and Clothing. Macdonald College.

W. H. BRITTAIN, M.S. in Agr., Ph.D. (Cornell).
Professor of Entomology. Macdonald College.

C. A. BRODIE BROCKWELL, M.A. (Oxon.).
Professor of Hebrew and Semitic Languages and History.
15 St. Charles Ave., Dorval.

E. C. Brooks, M.B., Ch.B. (Edin.).
Lecturer in Radiology. Royal Victoria Hospital.

G. R. Brow, M.D., F.R.C.P. (Canada).
Demonstrator in Medicine. Royal Victoria Hospital.

E. Brown, M.Sc. (Victoria), M. Eng. (Liverpool).
Dean of the Faculty of Engineering and Professor of Applied Mechanics and Hydraulics. 4035 Harvard Ave.

Norman Brown, M.D.
Lecturer in Physio-Therapy. 1495 Crescent St.

O. N. Brown, B.Sc.
Assistant Professor of Mining Engineering.
Chemistry and Mining Building.

J. G. Browne, B.A., M.D.
Lecturer in Medicine. 1467 Crescent St.

Novah E. Brownrigg.
Lecturer in French. Macdonald College.

A. A. Bruère, M.D. (Edin.).
Lecturer in Dermatology. 5325 Mance St.

A. S. Bruneau, B.A., B.C.L.
Lecturer in Corporations. 275 St. James St.

H. D. Brunt, B.A., (Dal.), Ph.D. (Jena).
Associate Professor of English. Macdonald College.

T. G. Bunting, B.S.A.
Professor of Horticulture. Macdonald College.

Ete. Burg, M.D.
Lecturer in Embryology and Fellow in Gynæcology.
Medical Building.

H. C. Burgess, M.D., C.M., F.R.C.S. (Canada).
Clinical Professor of Obstetrics and Gynæcology.
1468 Crescent St.

J. F. Burgess, M.B.
Clinical Professor of Dermatology. Drummond Medical Bldg.

Philip Burnett, D.S.O., M.D., M.R.C.S., L.R.C.P.
Clinical Professor of Dermatology. The Linton, Sherbrooke St. West.

E. Godfrey Burr, B.Sc.
Assistant Professor of Electrical Engineering.
699 Aberdeen Ave., Westmount.

W. C. Bushell, D.D.S., L.D.S.
Lecturer in Crown and Bridge Work. Medical Arts Building.

L. N. Buzzell, B. Com., C.A.
Lecturer in Accountancy. 2076 Sherbrooke St. W.

Alfred R. Byers, B.Sc.
Leroy Fellow in Geology. Chemistry Building.

J. Roddick Byers, M.D., L.R.C.P. (Edin.), F.R.C.P. (Canada).
Lecturer in Medicine (Tuberculosis). 3166 Westmount Boulevard.

W. Gordon M. Byers, M.D., D.Sc.
Professor of Ophthalmology. 1458 Mountain St.

Evan T. Bynoe, B.S.A., M.Sc.
Assistant in Bacteriology. Macdonald College.

George S. Cameron, D.D.S., L.D.S.
Professor of Prosthetic Dentistry.
Birks' Building, 1240 Phillips Square.

Thomas Wright Moir Cameron, B.Sc., M.A., Ph.D., D.Sc., M.R.C.V.S.
Research Professor of Animal Parasitology. Macdonald College.

A. D. Campbell, M.D., F.R.C.S. (Canada).
Demonstrator in Obstetrics and Gynæcology. Medical Arts Building.

D. G. Campbell, B.A., M.D.
Lecturer in Therapeutics and in Medicine. 1511 Mackay St.

Clive Harcourt Carruthers, B.A., (Toronto and Oxon.), M.A. (Toronto), Ph.D. (Chicago).
Professor of Classical Philology. 148 Wolseley Ave., Montreal West.

Mary Duncan Carter, Ph.B., (Chicago), B.L.S. (Univ. of State of New York).
Assistant Professor of Library Administration and Assistant Director of the Library School. Redpath Library.

E. H. Cayford, B.A. (Saskatchewan), M.D.
Demonstrator in Anatomy. Medical Arts Building.

Frank P. Chambers, M.A. (Cantab).
Assistant Professor of Architecture. Engineering Building.

A. B. Chandler, B.A., M.D.
Lecturer in Pediatrics. 1421 Bishop St.

E. B. Chandler, M.D.
Demonstrator in Surgery. Medical Arts Building.

W. H. Chase, B.A., (Acadia), M.D. (Dal.).
Lecturer and Douglas Fellow in Pathology. Pathological Institute.

Mary C. Childs, B.A., M.D.
University Medical Officer for Women. 1419 Bishop Street.

Warwick Fielding Chipman, B.A., B.C.L., K.C.
Professor of Civil Law. 360 St. James St.

C. V. Christie, B.Sc., M.A. (Dal.)
Macdonald Professor of Electrical Engineering.
87 Holton Ave., Westmount.

R. V. Christie, M.B., Ch.B. (Edin.).
Research Fellow, University Medical Clinic.
Royal Victoria Hospital.

H. D. Clapperton, C.A.
Lecturer in Accountancy. 460 St. Francois-Xavier St.

Walter Clapperton, Hon. A.R.C.M.
Instructor in Singing. Conservatorium of Music.

T. H. Clark, Ph.D. (Harvard).
Logan Professor of Palæontology. Peter Redpath Museum.

DOUGLAS CLARKE, M.A., Mus.B. (Cantab.), F.R.C.O.
Dean of the Faculty of Music and Director of the Conservatorium of Music. Conservatorium of Music.

F. CLARKE, M.A. (Oxon.).
Macdonald Professor of Education. Arts Building.

BROOKE CLAXTON, B.C.L.
Lecturer in Commercial Law and Insurance. 132 St. James St.

JAMES BERTRAM COLLIP, M.A., Ph.D. (Toronto), M.D., D.Sc. (Alberta), F.R.S.C.
Professor of Biochemistry and Chairman of the Department. 6 Grenville Ave., Westmount.

W. V. CONE, B.Sc., M.D.
Assistant Professor of Neurology and Neurosurgery. 687 Pine Ave., West.

RAYMOND L. CONKLIN, D.V.M., M.Sc.
Professor of Animal Pathology and Veterinarian. Macdonald College.

IRVIN COOPER, Mus. Bac., A.R.M.C.M.
Lecturer in Harmony and Counterpoint. 4642 Oxford Ave., N.D.G.

L. O'T. COOPER, B.Sc.
Lecturer in Civil Engineering and Mathematics. Engineering Building.

JAMES A. COOTE, B.Sc.
Assistant Professor of Mechanical Engineering. 7 Cedar Ave., Pointe Claire, Que.

PERCY ELLWOOD CORBETT, M.A. (McGill and Oxon.).
Dean of the Faculty of Law and Gale Professor of Roman Law. 447 Elm Avenue.

JOHN G. COULSON, M.A. (Queen's).
Assistant Professor of Plant Pathology. Macdonald College.

E. M. COUNSELL, B.A. (Oxon.)
Lecturer in Classics. Arts Building.

S. A. CRAIG, B.Sc.
Demonstrator in Electrical Engineering. Engineering Building.

EARLE W. CRAMPTON, M.Sc. (Iowa).
Assistant Professor of Animal Husbandry. Macdonald College.

H. W. J. CRESSMAN, B.S. (Muhlenberg), M.Sc. (Middlebury).
Demonstrator in Chemistry. Chemistry Building.

JOHN CULLITON, M.A. (On leave of absence).
Assistant Professor of Economics. Arts Building.

H. W. CUNNINGHAM.
Instructor in Dairying. Macdonald College.

H. B. CUSHING, B.A., M.D.
Clinical Professor of Pediatrics. Medical Arts Building.

MISS RENÉE D'AMOUR, L.Mus.
Instructor in Violin and Viola. Conservatorium of Music.

CARL ADDINGTON DAWSON, B.A., Ph.D.
Professor of Sociology. 4663 Victoria Ave.

HOWARD DAWSON, B.A., M.D.
Assistant Demonstrator in Surgery. 1538 Sherbrooke St. West.

JOHN PERCIVAL DAY, B.A., B.Sc. (Lond.), D. Phil. (St. Andrews).
Professor of Economics. Arts Building.

J. R. DEAN, M.D., C.M.
Demonstrator in Histology and Anatomy. 5051 Verdun Ave.

PAUL DE MARKY.
Instructor in Pianoforte. Conservatorium of Music.

CLAUDE DE VILLE.
Instructor in Pianoforte. Conservatorium of Music.

LOUIS D'HAUTESERVE, B. ès L. and Ph. (Paris), M.A. (McGill), Ing. E.F.M. and M.L. (Paris).
Assistant Professor of French. Arts Building.

RUTH DINGLE, B.A.
Assistant in English (Drama) Arts Building.

G. J. DODD, M.Sc.
Associate Professor of Civil Engineering. Engineering Building.

J. S. DOHAN, D.D.S., L.D.S.
Professor of Prosthetic Dentistry. 1411 Stanley St.

M. L. DONIGAN, D.D.S., L.D.S.
Demonstrator in Orthodontia. 1414 Drummond St.

A. VIBERT DOUGLAS, M.B.E., M.Sc., Ph.D., F.R.A.S.
Lecturer in Astrophysics. Physics Building.

H. V. DRIVER, D.D.S.
Clinical Demonstrator in Dentistry. 1240 Phillips Square.

J. W. DUNCAN, M.D., F.R.C.S. (Canada).
Clinical Professor of Obstetrics and Gynæcology. Medical Arts Building.

W. K. DUNN, M.Sc.
Demonstrator in Physics. Physics Building.

E. MELVILLE DUPORTE, B.S.A., Ph.D.
Assistant Professor of Entomology. Macdonald College.

RAOUL DUQUETTE.
Instructor in Violoncello. Conservatorium of Music.

ANDRÉ DURIEUX.
Instructor in Violin and Viola. Conservatorium of Music.

RENÉ DU ROURE, Agrégé des Lettres de l'Université de France.
Professor of French Literature and Chairman of the Department of Romance Languages. Arts Building.

S. DWORKIN, M.D.
Lecturer in Physiology. Biological Building.

E. DYONNET, R.C.A.
Special Lecturer in Freehand Drawing and Modelling. Engineering Building.

W. W. Eakin, M.D.
Assistant Demonstrator in Medicine. 1538 Sherbrooke St.

E. M. Eberts, M.D., M.R.C.S. (Eng.), L.R.C.P. (Lond.).
Professor of Surgery.
The Drummond Medical Building, 1414 Drummond Street.

F. A. Edward, B.A., D.D.S.
Clinical Demonstrator in Dentistry. 910 Medical Arts Building.

H. M. Elder, M.D.
Demonstrator in Anatomy and Assistant Demonstrator in Surgery. Medical Arts Building.

A. R. Elvidge, M.D., Ph.D., F.R.C.S. (Canada).
Assistant Demonstrator in Neurosurgery. Royal Victoria Hospital.

Esther England, B.A.
Assistant in English. Arts Building.

W. E. Enright, B.A., M.D.
Demonstrator in Pediatrics. 388 Roslyn Ave., Westmount.

L. P. Ereaux, B.Sc., M.D.
Demonstrator in Dermatology. 1390 Sherbrooke St. West.

D. E. Evans, B.Sc.
Demonstrator in Drawing and Descriptive Geometry. Engineering Building.

Nevil Norton Evans, M.A.Sc.
Professor of Chemistry. 352 Kitchener Ave., Westmount.

A. S. Eve, C.B.E., M.A. (Cantab.), D.Sc., F.R.S.C., F.R.S.
Dean of the Faculty of Graduate Studies and Research; Macdonald Professor of Physics and Director of the Department of Physics. 3564 University St.

H. B. Fantham, M.A. (Cantab.), D.Sc. (Lond.).
Strathcona Professor of Zoology. Biological Building.

Neil Feeney, B.A. (Laval), M.D.
Assistant Demonstrator in Medicine 1414 Drummond Street.

E. A. Filby, M.Sc., Ph.D.
Demonstrator in Chemistry. Chemistry Building.

Harold G. Files, M.A., Ph.D. (Harvard).
Associate Professor of English. Arts Building.

Hay Finlay, Dip. M.S.P.E.
Soccer and Gymnastic Coach and Assistant Physical Director. 3484 University St.

Walter M. Fisk, M.D.
Lecturer in Histology. 506 Pine Ave. West.

R. R. Fitzgerald, B.Sc., M.D.
Demonstrator in Anatomy and Surgery. 719 Medical Arts Building.

G. A. Fleet, M.Sc., M.D.
Assistant Demonstrator in Surgery. 1500 Crescent St.

A. Grant Fleming, M.C., M.D., (Toronto), D.P.H., F.R.C.P. (Canada).
Professor of Public Health and Preventive Medicine and Director of the Department. Medical Building.

D. Stuart Forbes, M.C., B.Sc., B. Arch.
Athletic Manager. McGill Union.

Eugene Forsey, B.A. (Oxon.), M.A.
Lecturer in Economics. Arts Building.

D. S. Forster, M.A., M.D.
Senior Demonstrator in Anatomy. 4532 Wellington St.

J. S. Foster, Ph.D. (Yale), F.R.S.C.
Professor of Physics. 615 Lansdowne Ave., Westmount.

Gerald Franklin, L.D.S., D.D.S.
Lecturer in Orthodontia.
Drummond Medical Building, 1414 Drummond St.

J. R. Fraser, M.D., F.R.C.S. (Canada).
Professor of Gynæcology and Obstetrics. 1390 Sherbrooke St. W.

R. De L. French, B.Sc., C.E., Mem. Am. Soc. C.E.
Professor of Highway and Municipal Engineering. 456 Pine Ave. W.

D. K. Froman, M.Sc. (Alberta), Ph.D. (Chicago).
Lecturer in Physics. Macdonald College.

C. E. Fryer, M.A., Ph.D. (Harvard).
Professor of History. Arts Building.

Richard Fuller.
Singing Instructor. Conservatorium of Music.

C. W. Fullerton, M.D.
Assistant Demonstrator in Medicine. 1538 Sherbrooke St. W.

James Fulton, M.A. (Vanderbilt).
Lecturer in Philosophy. Arts Building.

Mrs. Lucie Touren Furness, Licencié ès Lettres de l'Université de France.
Assistant Professor of French. Arts Building.

E. L. Gage, M.D.
Assistant Demonstrator in Neuropathology. Royal Victoria Hospital.

C. M. Gardner, M.D., C.M.
Assistant Demonstrator in Pathology. Montreal General Hospital.

W. Gatehouse.
Shop Instructor in Mechanical Engineering. Engineering Building.

A. K. Geddes, M.D., C.M.
Assistant Demonstrator in Pediatrics. 1555 Mackay St.

A. Robert George, B.A. (Bristol), B.D. (Lond.).
Lecturer in Oral English. Arts Building.

R. D. Gibbs, B.Sc. (Lond.), M.Sc.
Lecturer in Botany. Biological Building.

N. Giblin, M.C., B.A. (Tas.), M.B., Ch.B. (Edin.).
Assistant Professor of Physiology. Biological Building.

J. E. Gill, Ph.D. (Princeton).
Assistant Professor of Geology. Chemistry and Mining Building.

A. H. S. Gillson, M.A. (Cantab.).
Associate Professor of Mathematics. 900 Sherbrooke St. West.

Norah Sullivan Glassford, M.A.
Assistant in English. Arts Building.

ALTON GOLDBLOOM, B.A., M.D., F.R.C.P. (Canada).
Lecturer in Pediatrics. 1543 Crescent St.

H. CARL GOLDENBERG, M.A., B.C.L.
Sessional Lecturer in Economics. Arts Building.

J. R. GOODALL, O.B.E., B.A., M.D., D.Sc.
Clinical Professor of Obstetrics and Gynæcology.
1628 Sherbrooke St. West.

S. J. GOODMAN, M.A.
Graduate Fellow in Economics. Arts Building.

A. H. GORDON, M.D.
Associate Professor of Medicine. Medical Arts Building.

KEITH GORDON, B.A., M.D., F.R.C.P. (Canada).
Demonstrator in Medicine. Medical Arts Building.

ALASTAIR A. GOWAN, C.A.
Lecturer in Accountancy. 465 St. John St.

W. C. GOWDEY, M.D.
Assistant Demonstrator in Medicine. 4492 Sherbrooke St. West.

W. L. GRAFF, Ph.D. (Lov.).
Associate Professor of German. Arts Building.

RICHARD P. D. GRAHAM, B.A., (Oxon.), D.Sc.
Professor of Mineralogy. Chemistry Building.

T. GRANT, M.D.
Research Fellow in Neurology and Neurosurgery.
Royal Victoria Hospital.

LEONA GRAY, M.A.
Lecturer in English and Director of Play Production. Arts Building.

P. H. H. GRAY, M.A. (Oxon.).
Assistant Professor of Bacteriology. Macdonald College.

A. D. GRIEVE, B.A. (Western Ontario), Ph.D.
Demonstrator in Chemistry. Chemistry Building.

DOUGLAS GURD, M.D.
Demonstrator in Obstetrics and Gynæcology. 1482 Mackay St.

FRASER B. GURD, B.A., M.D.
Lecturer in Surgery. 1538 Sherbrooke St. West.

LIONEL H. HAMILTON, M.S. (Wisconsin).
Lecturer in Animal Husbandry and Field Representative. Macdonald College.

W. F. HAMILTON, M.D., F.R.C.P. (Canada).
Professor of Medicine. 1225 Mountain St.

W. F. HAMPTON, M.Sc.
Demonstrator in Chemistry. Chemistry Building.

TALITHA A. HANKE, B.S., M.A. (Columbia).
Lecturer in the School of Household Science. Macdonald College.

R. H. M. HARDISTY, D.S.O., M.C., B.A., M.D.C.M.
Demonstrator in Medicine. Medical Arts Building.

BERTHA HARMER, R.N., B.Sc. and M.A. (Columbia).
Director of the School for Graduate Nurses.
School for Graduate Nurses.

F. W. HARVEY, B.A., M.D.
University Medical Officer and Lecturer in Physio-Therapy.
4007 Dorchester St., Westmount.

RUTH HARVEY, B.Sc. (Columbia), Graduate Sargent Normal School.
Assistant Physical Director for Women. Royal Victoria College.

W. H. HATCHER, M.Sc., Ph.D.
Associate Professor of Chemistry. Biological Building.

MYRTLE A. HAYWARD, B.Sc., M.A. (Columbia).
Lecturer in Education and Foods. Macdonald College.

ELSIE MAY HEATHCOTE, Dip. M.S.P.E.
Instructor in Physical Training. Macdonald College.

L. G. HEIMPEL, M.S. (Cornell).
Assistant Professor of Agricultural Engineering. Macdonald College.

J. C. HEMMEON, M.A., Ph.D. (Harvard).
R. B. Angus Professor of Economics. Arts Building.

CHARLES WILLIAM HENDEL, Jr., Litt.B. and Ph.D. (Princeton).
Macdonald Professor of Moral Philosophy and Chairman of the Department of Philosophy. Arts Building.

A. T. HENDERSON, M.D.
Demonstrator in Medicine. 900 Sherbrooke St. West.

JEAN T. HENDERSON, M.Sc.
Lecturer in Zoology. Biological Building.

CHARLES K. P. HENRY, M.D., C.M., F.R.C.S. (Canada).
Assistant Professor of Surgery. 605 Medical Arts Building.

MLLE. C. HENRY.
Lecturer in French. Royal Victoria College.

FRED. G. HENRY, D.D.S., L.D.S.
Professor of Dental Pathology and Therapeutics. 1410 Guy St.

J. S. HENRY, M.D.
Assistant Demonstrator in Obstetrics and Gynæcology.
1538 Sherbrooke St. West.

BLANCHE HERMAN, R.N.
Assistant Instructor in Administration in Schools of Nursing. Royal Victoria Hospital.

JESSE S. HERRIOTT, Graduate New Haven Normal School of Gymnastics, B.Sc., M.A. (Columbia University).
Physical Director for Women. Royal Victoria College.

NORMAN HERSCHORN.
Instructor in Violin. Conservatorium of Music.

HAROLD HIBBERT, D.Sc. (Victoria University, Manchester), Ph.D. (Leipzig), F.R.S.C.
E. B. Eddy Professor of Industrial and Cellulose Chemistry. Pulp and Paper Research Institute.

MARION VILLIERS HIGGINS, B.A., M.A. in Library Science. (University of Michigan).
Instructor in Reference Work and Bibliography. The Library School.

MARY O. HILL, B.A.
Assistant in English. Arts Building.

C. M. HINCKS, B.A., M.D.
Lecturer in Mental Hygiene. Medical Building.

G. E. HODGE, M.D.
Lecturer in Oto-Laryngology. Medical Arts Building.

S. R. N. HODGINS, B.S.A., M.A.
Assistant Professor of English and Journalism. Macdonald College.

R. K. HOLCOMB, B.S.A.
Demonstrator in Chemistry. Chemistry Building.

S. HOLTZE.
Graduate Neils Bukh School of Gymnastics
Instructor in Danish Gymnastics. School of Physical Education.

CAMPBELL PALMER HOWARD, B.A., M.D.
Professor of Medicine. 630 Clarke Ave., Westmount.

HON. MR. JUSTICE ERATUS EDWIN HOWARD, B.A., B.C.L., K.C.
Professor of Civil Law. 655 Grosvenor Ave.

DAVID HOWAT, B.A. (Cantab.), M.A. (St. Andrews and McGill).
Assistant Professor of Mathematics. Arts Building.

W. B. HOWELL, M.D., L.R.C.S., L.R.C.P. (Edin.).
Lecturer in Anæsthetics. 1610 Sherbrooke St. West.

F. S. HOWES, Ph.D. (London).
Lecturer in Electrical Engineering. Engineering Building.

FRANCES HOWLAND, A.M. (Smith College),
Graduate Assistant in Chemistry. Chemistry Building.

EVERETT C. HUGHES, B.A., Ph.D. (Chicago).
Assistant Professor of Sociology. Arts Building.

HELEN MACGILL HUGHES, B.A. (U.B.C.), M.A. (Chicago).
Assistant in Sociology. Arts Building.

WALTER H. HUNGERFORD.
Instructor in Pianoforte. Conservatorium of Music.

GEORGE HUNTER, C.A.
Lecturer in Accountancy. 460 St. Francois Xavier St.

C. LEONARD HUSKINS, B.S.A., M.Sc. (Alberta), Ph.D. (London).
Associate Professor of Genetics. Biological Building.

KEITH HUTCHISON, M.D.
Demonstrator in Oto-Laryngology. 1509 Sherbrooke St. West.

E. C. IRVINE, M.A., B.Paed. (Toronto).
Lecturer in Mathematics. Macdonald College.

R. E. JAMIESON, M.Sc.
William Scott Professor of Civil Engineering. 234 Metcalfe Ave., Westmount.

EDITH JOHNSON.
Instructor in Pianoforte. Conservatorium of Music.

F. M. G. JOHNSON, M.Sc., Ph.D. (Breslau), F.I.C., F.R.S.C.
Dean of Science, Macdonald Professor of Inorganic Chemistry and Director of the Department of Chemistry 4 Chelsea Place, Simpson St.

GUY JOHNSON, M.A., M.D., F.R.C.S. (Edin.).
Demonstrator in Surgery. 1005 Sherbrooke St. West.

G. C. JOHNSTON, M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute.

T. P. JONES, C.A.
Lecturer in Accountancy. 231 St. James St. West.

C. R. JOYCE, M.D.
Demonstrator in Medicine. 5242 Park Ave.

L. KASTER.
Instructor on the Oboe. Conservatorium of Music

J. KATZMAN, M.Sc.
Demonstrator in Physics. Physics Building.

JOSEPH KAUFMANN, M.D.
Lecturer in Medicine. 1476 Crescent St.

MARK KAUFMANN, M.D.
Assistant Demonstrator in Surgery. Medical Arts Building.

MURIEL G. KAY, M.Sc.
Graduate Assistant in Chemistry. Chemistry Building.

P. J. KEARNS, M.Sc., M.D.
Clara Law Fellow and Demonstrator in Obstetrics and Gynæcology. Pathological Institute.

C. B. KEENAN, D.S.O., M.D.
Assistant Professor of Surgery. 1500 Mountain St.

CHESTER E. KELLOGG, B.A. (Bowdoin), M.A., Ph.D. (Harvard).
Associate Professor of Psychology. Arts Building.

ALBERT J. KELLY, B.Sc.
Associate Professor of Surveying. The Observatory.

DAVID A. KEYS, M.A. (Toronto), Ph.D. (Harvard and Cantab.), F.R.S.C.
Professor of Physics. 201 Brock Ave. North, Montreal West.

KIANG KANG-HU, Ph.D. (Oriental).
Professor of Chinese Studies and Chairman of the Department. Arts Building.

DOROTHY KING.
Instructor in Social Case Work, School for Graduate Nurses. Family Welfare Assn.

LOUIS V. KING, M.A. (Cantab.), D.Sc., F.R.S.
Macdonald Professor of Physics. Physics Building.

J. KIRSCHMAN, M.D., C.M.
Research Fellow in Neurology and Neurosurgery. Royal Victoria Hospital.

R. L. KUTZ, M.Sc. (Alberta).
Demonstrator in Biochemistry. Biological Building.

SINCLAIR LAIRD, M.A., B.Phil., Officier de l'Instruction Publique.
Dean of the School for Teachers and Professor of Education. Macdonald College.

ARTHUR S. LAMB, B.P.E. (Springfield), M.D.
Director of the Department of Physical Education. 3484 University St.

G. W. LATHAM, B.A. (Harvard).
Greenshields Associate Professor of English. 267 Regent Ave.

J. E. LATTIMER, B.S.A., M.Sc., Ph.D. (Wisconsin).
Professor of Agricultural Economics. Macdonald College.

STEPHEN LEACOCK, B.A. (Toronto), Ph.D. (Chicago), Litt.D. (Brown Dartmouth and Toronto), LL.D. (Queen's).
William Dow Professor of Political Economy. 3869 Côte des Neiges Road.

W. G. LEAHY, B.Sc. D.D.S.
Lecturer in Operative Dentistry. Montreal General Hospital.

GEORGES E. LEMAITRE, Agrégé de l'Université, D. ès-L. (Paris)
Associate Professor of Romance Languages. Arts Building.

CHARLES STUART LEMESURIER, B.A., B.C.L., K.C.
Professor of Civil Law. 419 Roslyn Ave., Westmount.

D. SCLATER LEWIS, M.Sc., M.D., F.R.C.P. (Canada).
Associate Professor of Therapeutics and Lecturer in Medicine. Medical Arts Building.

J. MCK. LIMERICK, B.A. (New Brunswick).
Graduate Assistant in Chemistry. Chemistry Building.

MARION LINDEBURGH, R.N.
Assistant Director, School for Graduate Nurses, and Instructor in Teaching in Schools of Nursing. School for Graduate Nurses.

L. M. LINDSAY, M.D.
Lecturer in Pediatrics. Medical Arts Building.

G. D. LITTLE, M.D.
Demonstrator in Anatomy. Medical Arts Building.

H. M. LITTLE, B.A., M.D., F.R.C.S. (Canada), F.C.O.G.
Professor of Obstetrics and Gynæcology. 1374 Sherbrooke St. West.

FRANCIS ERNEST LLOYD, M.A. (Princeton), F.R.S.C., F.L.S.
Macdonald Professor of Botany and Director of the Biological Building. 3521 University St.

J. R. LOCHHEAD, M.D., C.M.
Demonstrator in Anatomy. 2250 Dorchester St.

A. R. B. LOCKHART, M.A. (Columbia).
Lecturer in Elementary Education. Macdonald College.

EMILE A. LODS, M.S.A.
Assistant Professor of Agronomy. Macdonald College.

GERHARD R. LOMER, M.A., Ph.D. (Columbia).
University Librarian, Director of the Library School and Professor of Library Administration. 456 Pine Ave. West.

I. K. LOWRY, B.A., D.D.S.
Lecturer in Prosthetic Dentistry. 910 Medical Arts Building.

A. E. LUNDON, M.D., D.P.H.
Demonstrator in Oto-Laryngology. 1501 Crescent St.

G. R. LUSBY, B.Sc. (Mount Allison).
Demonstrator in Chemistry. Chemistry Building.

W. LYONS, M.Sc.
Demonstrator in Physics. Physics Building.

A. G. MCAULEY, M.D.
Demonstrator in Ophthalmology. 1301 Dorchester St. West.

A. R. MCBAIN, B.A. (Dal.), M.A.
Assistant in English. Arts Building.

WILBERT GEORGE MCBRIDE, B.Sc., M.I.M.M.
Macdonald Professor of Mining Engineering. Chemistry and Mining Building.

HAZEL B. MCCAIN.
Superintendent of Quebec Women's Institutes. Macdonald College.

J. B. MCCARTHY, B.A., D.Sc. (Vind.).
Assistant Professor of Chemistry. Macdonald College.

A. W. MCCLELLAND, D.D.S., L.D.S.
Professor of Orthodontia. 1117 St. Catherine St. West.

A. H. MACCORDICK, M.D., C.M., F.R.C.P. (Canada).
Lecturer in Medicine. 1454 Mountain St.

P. F. MCCULLAGH, M.A.
Assistant Professor in Classics. Arts Building.

JAMES L. MCCULLOCH.
Lecturer in Insurance and Transportation. Room 20, 249 St. James St. West.

L. R. MCCURDY, M.Sc.
Lecturer in Mechanical Engineering and Demonstrator in Mechanical Drawing. Engineering Building.

H. E. MACDERMOT, M.D., F.R.C.P. (Canada).
Lecturer in Anatomy and Demonstrator in Medicine. Medical Arts Building.

T. W. L. MACDERMOT, M.A. (Oxon.).
Assistant Professor of History. Arts Building.

J. E. MACDONALD.
Instructor on the French Horn. Conservatorium of Music.

R. ST. J. MACDONALD, B.A., M.D., D.P.H.
Assistant Professor of Hygiene. Medical Building.

GORDON WALTERS MACDOUGALL, B.A., B.C.L., K.C.
Professor of Private International Law. 3534 Ontario Ave.

HUGH MCEACHRAN, L.Mus.
Instructor in Pianoforte. 1115 Sherbrooke St. West.

FREDA MACGACHEN, M.A.
Assistant in English. Arts Building.

C. A. MacIntosh, M.D.
Assistant Demonstrator in Surgery. Medical Building.

J. F. MacIver, M.D.
Demonstrator in Medicine. 3757 Wilson Ave.

F. H. Mackay, M.D.
Clinical Professor of Neurology. 1538 Sherbrooke St. West.

Ira Allan Mackay, M.A. (Dal.), LL.B. (Dal.), Ph.D. (Cornell), LL.D. (Queen's).
Dean of McGill College and Frothingham Professor of Logic and Metaphysics. Linton Apartments.

Mrs. H. A. McKean.
Instructor in Remedial Gymnastics and Massage in the School of Physical Education. Royal Victoria College.

D. W. McKechnie, D.S.O., M.D.
Demonstrator in Medicine. 570 Milton St.

S. Hanford McKee, C.M.G., B.A., M.D.
Clinical Professor of Ophthalmology. 1528 Crescent St.

Francis E. McKenty, M.D., F.R.C.S. (Lond.).
Lecturer in Surgery. 2064 Union Ave.

D. W. MacKenzie, B.A., M.D.
Clinical Professor of Urology. 305 Medical Arts Building.

John C. MacKenzie, M.D.
Instructor in Hospital Economics and Administration, School for Graduate Nurses. Montreal General Hospital.

Mary E. MacKenzie, B.A. (Dal.).
Lecturer in English and Resident Assistant in the Royal Victoria College. Royal Victoria College.

Charles Millar McKergow, M.Sc.
Thomas Workman Professor of Mechanical Engineering. 343 Kensington Ave., Westmount.

R. R. McKibbin, Ph.D. (Maryland).
Assistant Professor of Agricultural Chemistry. Macdonald College.

L. H. McKim, M.D.
Demonstrator in Surgery. Medical Arts Building.

Neil Bruce MacLean, D.S.O., M.A. (Toronto), Ph.D. (Chicago), F.A.I.A.
Professor of Applied Mathematics and Joint Chairman of the Department. Engineering Building.

R. E. McMahon, D.D.S., L.D.S.
Clinical Demonstrator in Dentistry. Drummond Medical Building.

Hon. Cyrus Macmillan, M.A. (McGill and Harvard), Ph.D. (Harvard).
Molson Professor of the English Language and Literature and Chairman of the Department. 484 Wood Ave., Westmount.

J. A. MacMillan, M.D.
Demonstrator in Ophthalmology. 1410 Stanley St.

HELEN MACMURCHY, M.D. (Toronto).
Special Lecturer in the School for Graduate Nurses.
Department of Pensions and National Health, Ottawa.

S. O. MCMURTRY, B.A., M.D.
Assistant Demonstrator in Ophthalmology. 1433 Stanley St.

S. D. MACNAB.
Assistant in Charge of the Testing Laboratory.
900 Sherbrooke St. West.

W. J. MCNALLY, B.A., M.Sc., M.D., D.L.O., R.C.P. & S. (Eng.).
Demonstrator in Oto-Laryngology. Medical Arts Building.

B. F. MACNAUGHTON, M.D.
Demonstrator in Oto-Laryngology. 604 Medical Arts Building.

SIR ANDREW MACPHAIL, KT., O.B.E., B.A., M.D., LL.D., M.R.C.S.
Professor of the History of Medicine. 2016 Peel St.

LORNE F. MCRAE, D.D.S.
Clinical Demonstrator in Dentistry. Drummond Medical Building.

O. MAASS, M.Sc., Ph.D. (Harvard), F.R.S.C.
Macdonald Professor of Physical Chemistry. Chemistry Building.

PAUL R. MARCHAND, D.D.S.
Clinical Demonstrator in Dentistry. Medical Arts Building.

LEONARD C. MARSH, B.Sc. (Econ.) (Lond.), F.S.S.
Director of Research (Social Research Council). Arts Building.

C. F. MARTIN, B.A., M.D., C.M., LL.D. (Queen's).
Dean of the Faculty of Medicine and Professor of Medicine. Medical Building.

E. H. MASON, Ph.B., M.D.
Assistant Professor of Medicine and Lecturer in Biochemistry. 4100 Côte des Neiges Road.

J. L. D. MASON, B.A., M.D.
Demonstrator in Medicine. 3456 Park Ave.

GEORGE HERBERT MATHEWSON, B.A., M.D.
Clinical Professor of Ophthalmology. 1538 Sherbrooke St. West.

J. ARTHUR MATHEWSON, B.A., B.C.L., K.C.
Lecturer in Commercial Law. 275 St. James St.

A. J. G. MAW, M.S. (Wisconsin).
Lecturer in Poultry Husbandry. Macdonald College.

W. A. MAW, M.S.A.
Assistant Professor of Poultry Husbandry. Macdonald College.

J. C. MEAKINS, M.D., LL.D. (Edin.), F.R.C.P. (Canada), F.R.C.P. (Edin.), Hon. F.R.C.S. (Edin.), F.R.S.C., F.R.S.E.
Professor of Medicine, Director of the Department, Director of the University Medical Clinic. 61 Rosemount Ave., Westmount.

T. VANDER MEERSCHEN.
Instructor in Brass Wind Instruments. Conservatorium of Music.

G. C. MELHADO, M.D.
Demonstrator in Obstetrics and Gynæcology. Medical Arts Building.

K. I. MELVILLE, M.Sc., M.D.
Lecturer in Pharmacology. Biological Building.

D. L. MENDEL, M.D.
Demonstrator in Medicine. 403 St. Joseph Blvd. West.

J. H. MENNIE, M.A. (U.B.C.), B.Sc. (Oxon.), Ph.D.
Assistant Professor of Chemistry. Chemistry Building.

E. C. MENZIES, M.D.
Demonstrator in Psychiatry. Protestant Hospital, Verdun.

BERTHA MEYER, M.A.
Lecturer in German 6 Hudson Ave., Westmount.

HON. MR. JUSTICE PIERRE-BASILE MIGNAULT, LL.D. (Laval, McGill and Montreal).
Professor of Legal Ethics. Gleneagles Apartments, Montreal.

ARMAND MIGNOLET.
Instructor on the Flute. 1166 Mountain St.

G. GAVIN MILLER, M.Sc., M.D., F.R.C.S. (Canada).
Demonstrator in Surgery. 1390 Sherbrooke St. W.

ROBERT MILLINCHAMP, B.S.A.
Assistant in Agricultural Engineering. Macdonald College.

E. S. MILLS, B.Sc., M.D., M.Sc.
Demonstrator in Medicine. Medical Arts Building.

A. W. MITCHELL, D.D.S.
Clinical Demonstrator in Dentistry. 2005 Stanley St.

W. T. B. MITCHELL, M.B.
Assistant Professor of Mental Hygiene. 531 Pine Ave. West.

MARGARET L. MOAG, R.N.
Special Lecturer in the School for Graduate Nurses.
Victorian Order of Nurses, Montreal.

C. F. MOFFATT, B.A., M.D.
Lecturer in Medicine. 1455 Crescent St.

LORNE C. MONTGOMERY, M.D.
Demonstrator in Medicine. Medical Arts Building.

C. H. P. MOORE, D.D.S.
Clinical Demonstrator in Dentistry. 1117 St. Catherine St. West.

L. P. MOORE, M.Sc.
Demonstrator in Chemistry. Chemistry Building.

A. G. MORPHY, B.A., M.D.
Demonstrator in Psychiatry. 1648 Sherbrooke St. West.

J. MORRETTI.
Instructor on the Clarinet. Conservatorium of Music.

CAMPBELL MORRIS, B.S.A., D.D.S.
Lecturer in Dental History, Ethics and Economics.
1240 Phillips Square.

C. M. Morssen, C.E.
Research Fellow in Civil Engineering. Engineering Building.

N. W. Morton, M.A.
Lecturer in Psychology. Arts Building.

D. P. Mowry, D.D.S.
Lecturer in Orthodontia. 1411 Stanley St.

E. V. Murphy, B.A., M.D.
Demonstrator in Medicine. Alexandra Hospital.

Jane A. Murphy, R.N.
Lecturer in the School for Graduate Nurses.
Montreal General Hospital.

E. G. D. Murray, O.B.E., M.A. (Cantab.), L.S.A.
Professor of Bacteriology. 4100 Côte des Neiges Road, House 9.

Harold R. Murray, B.S.A. (Toronto), M.Sc. (Cornell).
Assistant Professor of Horticulture. Macdonald College.

R. Birkett Musgrove, F.R.C.O. (London).
Lecturer in Music. Macdonald College.

Gordon A. Neilson.
Research Assistant in Architecture. Engineering Building.

R. J. Nelson, M.D., C.M.
Assistant Demonstrator in Pathology. Pathological Institute.

A. R. Ness, B.S.A.
Assistant Professor of Animal Husbandry. Macdonald College.

Dorothy E. Newton, M.Sc., Ph.D. (Manitoba).
Lecturer in Plant Pathology. Macdonald College.

W. C. Nicholson, B.A., B.C.L.
Lecturer in Commercial Law. 2058 Vendome Ave.

Elsie M. Nish, B.H.S.
Assistant in Extension Work. Macdonald College.

Algy S. Noad, M.A.
Assistant Professor of English. Arts Building.

Percy E. Nobbs, M.A. (Edin.), F.R.I.B.A., F.R.A.I.C., R.C.A.
Professor of Design. 38 Belvedere Road, Westmount.

Harry Norris.
Instructor in Violin and Viola. Conservatorium of Music.

M. Notkin, M.D.
Demonstrator in Zoology. Biological Building.

J. Appleton Nutter, B.A., M.D., C.M., F.R.C.S. (Canada).
Clinical Professor of Orthopædic Surgery. 411 Medical Arts Building.

Horst Oertel, M.D.
Strathcona Professor of Pathology and Director of the Pathological Institute. Pathological Institute.

M. Ondereet.
Instructor in Violin and Viola. Conservatorium of Music.

JOHN J. O'NEILL, M.Sc., Ph.D. (Yale), F.R.S.C.
Dawson (Macdonald) Professor of Geology and Director of the Department. 489 Grosvenor Ave., Westmount.

F. FITZ OSBORNE, M.A.Sc. (U.B.C.), Ph.D. (Yale).
Assistant Professor of Geology. Chemistry and Mining Building.

GORDON PALL, B.A. (Manitoba), M.A. (Toronto), Ph.D. (Chicago).
Lecturer in Mathematics. Engineering Building.

MARY PRESCOTT PARSONS, A.B., B.L.S.,
Sessional Instructor in Reference, Bibliography and Administration. The Library School.

CHARLES F. PASCOE, F.C.I.C.
Special Lecturer in Metallurgy. 4129 Dorchester St. West.

FRANK STEWART PATCH, B.A., M.D., C.M., F.R.C.S. (Canada).
Clinical Professor of Urology. 1225 Bishop St.

IVAN PATRICK, B.A., M.D.
Demonstrator in Obstetrics and Gynæcology. 1374 Sherbrooke St. West.

R. H. PATTEN, B.Sc.
Assistant Professor of Mechanical Engineering. Engineering Building.

W. J. PATTERSON, B.A., M.D.
Lecturer in Orthopædic Surgery. Medical Arts Building.

DONALD R. PATTON, B.Com., C.A.
Lecturer in Accountancy. Arts Building.

MRS. F. R. PECK.
Instructor in Home Nursing. Macdonald College.

FRANK G. PEDLEY, B.A., M.D., DR. P.H. (Harvard).
Assistant Professor of Industrial Hygiene. Room 201, 1421 Atwater Ave.

WILDER G. PENFIELD, Litt.B. (Princeton), M.D. (Johns Hopkins), B.Sc. and M.A. (Oxon.).
Professor of Neurology and Neurosurgery. 4302 Montrose Ave.

ELEANOR S. PERCIVAL, B.A., M.D.
Demonstrator in Obstetrics and Gynæcology. 1374 Sherbrooke St. West.

C. A. PETERS, D.S.O., M.D., M.R.C.S., L.R.C.P.
Assistant Professor of Medicine. 1462 Bishop St.

J. N. PETERSEN, B.Sc., M.D.
Lecturer in Neurology. Medical Arts Building.

G. PHILLIPS, M.D.
Research Fellow in Neurology and Neurosurgery. Royal Victoria Hospital.

J. B. PHILLIPS, M.Sc., Ph.D.
Lecturer in Chemistry. Chemistry Building.

BESSIE M. PHILP.
Head of the School of Household Science. Macdonald College.

N. W. PHILPOTT, M.D.
Assistant Demonstrator in Obstetrics, Gynæcology and Embryology.
1610 Sherbrooke St. West.

C. J. PIMENOFF, B.Sc.
Demonstrator in Drawing and Descriptive Geometry.
Engineering Building.

W. A. PITCAIRN, D.D.S.
Clinical Demonstrator in Dentistry. 1240 Phillips Square.

MURIEL E. PLATT, M.Sc., Ph.D.
Demonstrator in Chemistry. Chemistry Building.

S. L. POLLARD, B.A.
Assistant in History. Arts Building.

C. A. PORTEOUS, M.D. (Queen's).
Clinical Professor of Psychiatry. Verdun Protestant Hospital.

E. C. POWELL, M.Sc. (Sask.).
Demonstrator in Chemistry. Chemistry Building.

RALPH E. POWELL, B.A., M.D., F.R.C.S. (Edin.), F.R.C.S. (Canada).
Lecturer in Urology. 1486 Crescent St.

R. M. H. POWER, M.D.
Demonstrator in Anatomy. 1610 Sherbrooke St. West.

H. G. PRETTY, M.D., C.M.
Demonstrator in Anatomy. 1414 Drummond St.

A. F. PRICE, B.Sc.
Demonstrator in Chemistry. Chemistry Building.

ARTHUR PRIDEAUX, A.R.I.B.A.
Demonstrator in the School of Architecture. Engineering Building.

ISABEL MANSON PRINCE, B.A., R.N.
Assistant Director and Instructor in Public Health Nursing.
School for Graduate Nurses.

J. E. PRITCHARD, M.D.
Lecturer in Pathology. Montreal General Hospital.

MRS. PROBYN.
Instructor in Double Bass. Conservatorium of Music.

L. I. PUGSLEY, B.A. (Acadia), M.Sc. (McGill).
Research Fellow in Biochemistry. Biological Building.

DONALDA PUTNAM, B.A. (Mt. Allison).
Assistant in English. Arts Building.

H. T. PYE.
Instructor in Laboratory Technique. Physics Building.

I. M. RABINOWITCH, M.D., C.M., D.Sc., F.R.C.P. (Can.).
Assistant Professor of Medicine and Lecturer in Biochemistry.
Montreal General Hospital.

B. Raginsky, M.D.
Demonstrator in Pharmacology. 376 Redfern Ave.

Violet B. Ramsay.
Lecturer in Primary Methods and Nature Study. Macdonald College.

G. A. Stuart Ramsey, B.A., M.D.
Assistant Demonstrator in Ophthalmology. 1496 Mountain St.

H. E. Rawlinson, M.Sc., M.D.
Lecturer in Histology and Embryology. Medical Building.

L. C. Raymond, M.S. (Wisconsin).
Assistant Professor of Agronomy. Macdonald College.

James B. Redpath, B.Sc.
Dawson Research Fellow in Mining Engineering. Chemistry Building.

H. A. Reeve, M.Sc.
Demonstrator in Chemistry. Chemistry Building.

E. P. Reid, B.A.
Graduate Fellow in Economics. Arts Building.

Herschell E. Reilley, M.Sc.
Associate Professor of Physics 120 Easton Ave., Montreal West.

Lloyd G. Reynolds, B.A. (Alberta).
Assistant in Sociology. Arts Building.

Lawrence J. Rhea, B.Sc. (Texas), M. D. (Johns Hopkins).
Associate Professor of Pathology. Montreal General Hospital.

W. L. Ritchie, M.B. (Toronto).
Lecturer in Dental and Medical Radiology.
Montreal General Hospital.

Harold J. Roast, F.C.S., F.C.I.C., M.E.I.C.
Sessional Lecturer in Metallurgy.
Box 2392, General Post Office, Montreal.

E. E. Robbins, D.V.S., M.D.
Demonstrator in Medicine. 5770 Durocher Ave., Outremont.

A. R. Roberts, M.Sc.
Professor of Mechanical Engineering. Engineering Building.

James T. Rogers, B.A., M.D.
Lecturer in Oto-Laryngology. 1538 Sherbrooke St. West.

J. B. Rollit, B.A.
Graduate Fellow in Economics. Arts Building.

Ruth B. Rorke, B.H.S.
Lecturer in Foods and Cookery. Macdonald College.

J. Rosenbaum, M.D.
Assistant Demonstrator in Ophthalmology.
Medico-Dental Building, 1396 St. Catherine St. West.

A. Ross, M.C., B.A., M.D.
Assistant Demonstrator in Surgery. 5027 Sherbrooke St. West.

D. A. Ross, M.Sc.
Demonstrator in Physiology. Biological Building.

Dudley E. Ross, M.Sc., M.D.
Demonstrator in Surgery. Medical Arts Building.

James B. Ross, M.D., F.R.C.P. (Canada).
Demonstrator in Medicine and Pharmacology.
719 Medical Arts Building.

S. Graham Ross, D.S.O., B.A., M.D., M.R.C.P. (Lond.).
Lecturer in Pediatrics. 704 Medical Arts Building.

W. B. Ross, M.Sc.
Lecturer in Mathematics. Arts Building.

G. M. Rountree, B.A.
Graduate Fellow in Economics. Arts Building.

M. Laura Rowles, M.Sc., Ph.D.
Lecturer in Physics. Macdonald College.

W. Rowles, M.Sc., Ph.D.
Assistant Professor of Physics. Macdonald College.

T. E. Roy, B.A., M.D., C.M.
Assistant Demonstrator in Pathology. Montreal General Hospital.

W. W. Ruddick, M.D.
Demonstrator in Anatomy. 1499 Crescent St.

Colin K. Russel, B.A., M.D., F.R.C.P. (Canada).
Clinical Professor of Neurology. 900 Sherbrooke St. West.

Mlle. H. Salleron.
Student Teacher in the Royal Victoria College.
Royal Victoria College.

George W. Scarth, M.A. (Edin.), F.R.S.C. Biological Building.
Professor of Botany.

W. H. Schippel, B.Sc.
Lecturer in Electrical Engineering. Engineering Building.

Eugene Schnieder.
Instructor in Violin and Viola. Conservatorium of Music.

Hermann Schroeder, M.D.
Lecturer in Pharmacology. Biological Building.

F. R. Scott, B.A. (Bishop's and Oxon.), B. Litt. (Oxon.), B.C.L.
Associate Professor of Constitutional and Federal Law and Lecturer in Dental Jurisprudence. 3653 Oxenden Ave.

R. B. Y. Scott, M.A., Ph.D. (Toronto), B.D. (Knox).
Lecturer in Hebrew. 3506 University St.

F. A. C. Scrimger, V.C., B.A., M.D., F.R.C.S. (Canada).
Assistant Professor of Surgery. Medical Arts Building.

Jessie Boyd Scriver, B.A., M.D., F.R.C.P. (Canada).
Demonstrator in Pediatrics. Royal Victoria Hospital.

W. deM. Scriver, B.A., M.D., F.R.C.P. (Canada).
Demonstrator in Pharmacology and in Medicine.
Royal Victoria Hospital.

H. N. Segall, M.D.
Assistant Demonstrator in Medicine. Medical Arts Building.

Dorothy J. Seiveright, M.A. (Bishop's).
Lecturer in History and Geography. Macdonald College.

C. R. Sellar, D.D.S.
Clinical Demonstrator in Dentistry. 1411 Stanley St.

M. I. Seng, M.D., F.R.C.S. (Canada).
Demonstrator in Urology. Medical Arts Building.

P. F. Seymour, C.A.
Lecturer in Accountancy. 231 St. James St. West.

A. Norman Shaw, M.A. (Cantab.), D.Sc., F.R.S.C.
Professor of Physics. 259 Metcalfe Ave., Westmount.

Miss D. Shearwood-Stubington, A.R.C.M.
Instructor in Pianoforte, Lecturer to the Teacher's Training Course. Conservatorium of Music.

L. J. Sheps, B.Sc. (Man.).
Graduate Assistant in Chemistry. Chemistry Building.

P. G. Silver, B.Sc., M.D.
Demonstrator in Anatomy and Assistant Demonstrator in Surgery. 1414 Drummond Street.

P. H. Silver, D.D.S.
Clinical Demonstrator in Dentistry. 1117 St. Catherine St. West.

Baruch Silverman, M.D.
Demonstrator in Mental Hygiene. 531 Pine Ave. West.

J. C. Simpson, B.Sc., LL.D. (Mount Allison).
Professor of Histology and Embryology and Secretary of the Faculty of Medicine. 4107 Hampton Ave.

Zerada Slack, B.A., Dip. M.S.P.E.
Assistant Physical Director for Women. Royal Victoria College.

David Slight, M.B., Ch.B. (Edin.), D.P.M. (R.C.P. and S. Eng.), F.R.C.P. (Canada).
Assistant Professor of Psychiatry. Royal Victoria Hospital.

Arthur I. Smith, B.A., B.C.L.
Lecturer in Commercial Law (School of Commerce). 275 St. James St.

Frederick Smith, M.A., M.B., B.Ch. (Cantab.), M.R.C.S. (England), L.R.C.P. (Lond.).
Lecturer in Bacteriology. Pathological Institute.

JOHN FERGUSON SNELL, B.A. (Toronto), Ph.D. (Cornell), F.C.I.C.
Professor of Chemistry. Macdonald College.

L. F. SOMERVILLE, B.A. (Bishops), M.A. (Toronto).
Graduate Assistant in Chemistry. Chemistry Building.

E. W. SPANAGEL, B.A. (Lawrence College).
Demonstrator in Chemistry. Chemistry Building.

JANE D. SPIER, M.Sc.
Instructor in Botany. Biological Building.

J. B. SPIERS, L.R.A.M., A.R.C.M., M.R.S.T. (Eng.).
Instructor in Pianoforte. Conservatorium of Music.

GORDON ST. GEORGE SPROULE, M.Sc.
Associate Professor of Metallurgy. 39 Thornhill Ave., Westmount.

ALFRED STANSFIELD, D.Sc. (London), A.R.S.M., F.R.S.C.
Birks' Professor of Metallurgy. 3182 Westmount Blvd.

G. A. STANTON, L.R.A.M.
Instructor in School Class Music. Conservatorium of Music.

D. H. STARKEY, B.A., M.D., C.M.
Demonstrator in Bacteriology. Pathological Institute.

T. A. STARKEY, M.B. (Lond.), D.P.H. (Lond.), M.D., C.M. (ad eun., McGill), M.R.C.S. (Eng.), L.R.C.P. (Lond.), Fellow Royal San. Inst.
Strathcona Professor of Hygiene. 3591 University St.

G. STAVRAKY, M.D., C.M.
Research Fellow in Neurology and Neurosurgery. Royal Victoria Hospital.

E. W. R. STEACIE, M.Sc., Ph.D.
Assistant Professor of Chemistry. Chemistry Building.

WILLIAM A. STEEVES, B.A., Ed.M.
Assistant Director of Practice Teaching. Macdonald College.

R. L. STEHLE, M.A. (Ohio State University), Ph.D. (Yale).
Professor of Pharmacology and Chairman of the Department. Biological Building.

A. STEWART, M.D.
Demonstrator in Anatomy and Surgery. 1538 Sherbrooke St. West.

C. C. STEWART, M.D.
Lecturer in Dental Anæsthesia. Montreal General Hospital.

R. CAMERON STEWART, B.Sc., M.D.
Demonstrator in Pediatrics. 5840 Côte St. Antoine Road.

ALICE M. STICKWOOD, B.S., M.A. (Columbia).
Lecturer in Dietetics and Institution Administration. Macdonald College.

WALTER D. STOBART. B.Sc.
Douglas Research Fellow in Mining Engineering. Chemistry Building.

F. V. STONE, B.A.
Graduate Fellow in Economics. Arts Building.

R. R. STRUTHERS, B.A., M.D.
Lecturer in Pediatrics. 1414 Drummond St.

R. M. SUGARS, M.A. (Trinity College, Dublin), A.I.A., C.P.A.
Director-Secretary of the School of Commerce and Associate Professor of Spanish. 4344 King Edward Ave., N.D.G.

R. F. SUIT, B.S., M.S., Ph.D. (Iowa State College).
Assistant Professor of Plant Pathology. Macdonald College.

CHARLES T. SULLIVAN, B.A. (Dal.), Ph.D. (Chicago), D.Sc., F.R.S.C.
Peter Redpath Professor of Pure Mathematics and Joint Chairman of the Department. Arts Building.

ROBERT SUMMERBY, M.S.A.
Professor of Agronomy. Macdonald College.

HON. MR. JUSTICE E. FABRE SURVEYER, B.A., LL.M. (Laval), B.C.L., F.R.S.C.
Professor of Criminal Law and Procedure.
128 Maplewood Ave., Outremont.

COLIN SUTHERLAND, B.A. (Dal.), M.D.
Demonstrator in Medicine. 1509 Sherbrooke St.

G. F. SUTHERLAND, M.D., C.M.
Demonstrator in Physiology. Biological Building.

JOHN TAIT, M.D., D.Sc. (Edin.), F.R.S.E., F.R.S.C.
Joseph Morley Drake Professor of Physiology. Biological Building.

WILLIAM D. TAIT, B.A. (Dal.), M.A. and Ph.D. (Harvard).
Professor of Psychology, Chairman of the Department and Director of the Psychological Laboratory. 2276 Regent Ave.

J. S. TAPP, M.A.
Demonstrator in Chemistry. Chemistry Building.

I. M. TARLOV, B.A. (Clark Univ.), M.D. (Johns Hopkins).
Assistant Demonstrator in Neuropathology. Royal Victoria Hospital.

HERBERT TATE, B.Sc. (N.U.I.), M.A. (Trinity Coll., Dublin).
Associate Professor of Mathematics. 3461 Rosedale Ave.

BERTRAM W. TAYLOR, B.Sc.
Lecturer in Zoology. Biological Building.

F. J. TEES, M.C., B.A., M.D.
Lecturer in Surgery. 1538 Sherbrooke St. West.

F. R. TERROUX, M.Sc., Ph.D. (Cantab.).
Demonstrator in Physics. Physics Building.

ALEXANDER MACKENZIE THOMPSON, M.A. (Queen's), Ph.D. (Harvard).
Associate Professor of Classics. Arts Building.

R. R. THOMPSON, B.S.A. (Toronto), M.Sc., Ph.D.
Assistant in Bacteriology. Macdonald College.

ROBERT R. THOMPSON, M.C., V.D., A.C.A. (English and Wales), C.A. (Canada).
Professor of Accountancy. 487 Argyle Ave., Westmount.

DAVID L. THOMSON, M.A. (Aberdeen), Ph.D. (Cantab.).
Assistant Professor of Biochemistry. 406 Pine Ave., West.

LESSLIE R. THOMSON, B.A.Sc. (Toronto), M.E.I.C., M.I.C.E., M.Am. Soc. C.E.
Special Lecturer in Architectural Engineering. New Birks Building.

C. J. TIDMARSH, M.A., M.D., F.R.C.P. (Canada).
Assistant Demonstrator in Medicine. 1390 Sherbrooke St. West.

F. T. TOOKE, B.A., M.D.
Clinical Professor of Ophthalmology. 1482 Mountain St.

A. TORKILDSEN, M.D.
Research Fellow in Neurology and Neurosurgery.
Royal Victoria Hospital.

RAMSAY TRAQUAIR, M.A., F.R.I.B.A.
Macdonald Professor of Architecture. Engineering Building.

G. EDWARD TREMBLE, M.D., C.M., D.L.O. and R. C. of S. (Eng.), F.R.C.S. (Canada).
Demonstrator in Oto-Laryngology. 1390 Sherbrooke St. West.

R. DE H. TUPPER.
Instructor in Bassoon and Secretary of the Conservatorium of Music. 677 Sherbrooke St. West.

PHILIP J. TURNER, F.R.I.B.A., F.R.A.I.C.
Special Lecturer in Building Construction, Specifications and Professional Practice. 1100 Beaver Hall Hill.

WILLIAM GEORGE TURNER, M.C., B.A., M.D., M.R.C.S. (Eng.).
Clinical Professor of Orthopædic Surgery. 900 Sherbrooke St. West.

ORVILLE SIEVWRIGHT TYNDALE, M.A., B.C.L., K.C.
Professor of Civil Procedure. 115 Sunnyside Ave., Westmount.

BARBARA ULRICHSEN, B.A.
Assistant in English. Arts Building.

E. FRANCES UPTON, R.N.
Instructor in Health and Nursing Legislation.
Prov. of Quebec Ass'n for Registered Nurses.

B. USHER, M.D., C.M.
Assistant Demonstrator in Dermatology. 1538 Sherbrooke St. West.

F. M. VAN WAGNER, B.P.E. (Springfield).
Track Coach and Assistant Physical Director. 3484 University St.

MRS. WALTER VAUGHAN, M.A.
Warden of The Royal Victoria College. Royal Victoria College.

PAUL VILLARD, M.A., D.D., M.D., Officier de l'Instruction Publique.
Associate Professor of French. 2055 Vendome Ave.

NORMAN VINER, B.A., M.D.
Lecturer in Neurology. 1396 St. Catherine St.

ETHEL WAIN, Dip. M.S.P.E.
Assistant Physical Director for Women.
School of Physical Education.

ARNOLD WAINWRIGHT, B.A., B.C.L., K.C.
Professor of the Law of Evidence. 4 Seaforth Ave.

A. H. WALKER.
Instructor in Floriculture. Macdonald College.

J. J. WALKER, B.A., M.D.
Demonstrator in Medicine. Medical Arts Building.

G. A. WALLACE, M.Sc.
Associate Professor of Electrical Engineering. Engineering Building.

A. L. WALSH, D.D.S.
Associate Professor of Operative Dentistry and Director of the Dental Clinic. Montreal General Hospital.

HERMANN WALTER, M.A. (Edin.), Ph.D. (Munich).
Professor of German. Arts Building.

V. C. WANSBROUGH, M.A. (Oxon.)
Assistant in History. Arts Building.

C. V. WARD, M.D.
Demonstrator in Obstetrics and Gynæcology. 1374 Sherbrooke St. West.

R. VANCE WARD, M.D.
Demonstrator in Industrial Hygiene. 561 Côte St. Catherine Road.

H. G. I. WATSON, M.Sc., Ph.D.
Sessional Lecturer in Physics. Physics Building.

W. H. WATSON, M.A., Ph.D. (Edin & Cantab.)
Assistant Professor of Physics. Physics Building.

A. WATT, B.A.
Assistant in History. Arts Building.

THEO. R. WAUGH, M.A., M.D.
Assistant Professor of Pathology. Pathological Institute.

JOHN J. WEATHERSEED, A.R.C.O.
Lecturer in Form and History of Music and Instructor in Pianoforte and Organ. Conservatorium of Music.

E. C. WEBSTER, B.A.
Demonstrator in Psychology. Arts Building.

J. L. WEBSTER, B.S.A. (Toronto).
Lecturer in Horticulture. Macdonald College.

JAMES WEIR, B.Sc.
Assistant Professor of Geodesy. Engineering Building.

JOSEPH W. WELDON, B.A., LL.B. (Dal.), K.C.
Lecturer in Engineering Law. 355 Olivier Ave., Westmount.

R. A. WHEATLEY, D.D.S.
Clinical Demonstrator in Dentistry. 1410 Guy St.

E. Hamilton White, B.A., M.D.
Professor of Oto-Laryngology. 1610 Sherbrooke St. West.

T. N. White, M.Sc., Ph.D.
Demonstrator in Physics. Physics Building.

W. E. Whitehead, M.Sc.
Lecturer in Entomology. Macdonald College.

S. Ernest Whitnall, M.A., M.D., B.Ch. (Oxon.), M.R.C.S. (Eng.), L.R.C.P. (Lond.), F.R.S.C.
Robert Reford Professor of Anatomy. Medical Building.

J. H. Whyte, B.Sc., Agr. (Edin.).
Demonstrator in Botany. Biological Building.

J. C. Wickham, B.A., M.D.
Demonstrator in Medicine. 4342 Sherbrooke St., Westmount.

A. L. Wilkie, B.A., M.D., C.M.
Demonstrator in Surgery. 1374 Sherbrooke St. West.

W. E. Williams, M.D.
Demonstrator in Pediatrics. Medical Arts Building.

W. L. G. Williams, M.A. (Oxon.), Ph.D. (Chicago).
Associate Professor of Mathematics. Engineering Building.

N. T. Williamson, M.D.
Demonstrator in Orthopædic Surgery. Medical Arts Building.

C. V. Wilson, M.Sc.
Demonstrator in Chemistry. Chemistry Building.

K. A. Wilson, B.C.L.
Lecturer in Commercial Law. 275 St. James St. West.

P. R. Wilson, B. Arch.
Demonstrator in Architecture. Engineering Building.

A. R. Winn, B.Sc., D.D.S.
Clinical Demonstrator in Orthodontia. 1240 Phillips Square.

F. M. Wood, B.Sc., M.A.
Assistant Professor of Civil Engineering and Applied Mechanics. Engineering Building.

William Dudley Woodhead, Ph.D.
Hiram Mills Professor of Classics and Chairman of the Department. 241 Ballantyne Ave. North, Montreal West.

R. P. Wright, M.D., C.M., F.R.C.S. (Canada).
Demonstrator in Oto-Laryngology. 1414 Drummond St.

H. P. Wright, B.A., M.D.
Lecturer in Pediatrics. 1509 Sherbrooke St. West.

C. F. WYLDE, C.B., M.D.
Honorary Medical Librarian. 1461 Crescent St.

V. C. WYNNE-EDWARDS, M.A. (Oxon.).
Assistant Professor of Zoology. Biological Building.

A. W. YOUNG, M.D., F.R.C.P. (Canada).
Lecturer in Neuropathology and Psychiatry. 1390 Sherbrooke St. West.

CALENDAR FOR THE SESSION 1932-33

1932

Wednesday, Sept. 7th... to Tuesday, Sept. 13th....	Registration of students in Medicine and Dentistry.
Monday, Sept. 12th..... to Tuesday, Sept. 13th....	Registration of students in Physical Education.
Monday, Sept. 12th....	Matriculation Examination begins. Conservatorium of Music opens.
Wednesday, Sept. 14th...	Lectures begin in Medicine and Dentistry.
Thursday, Sept. 15th....	Lectures begin in Physical Education.
Monday, Sept. 19th.... to Tuesday, Sept. 27th....	Registration of students in Law. First Year Engineering and others in Engineering who have no conditions.
Monday, Sept. 26th.... to Wednesday, Sept. 28th..	Registration of students of all Years in Arts and Science, Commerce and the Library School and Graduate Nurses, also of Conditioned students in Engineering, but the latter on the 28th only.
Thursday, Sept. 29th...	Lectures begin in Arts and Science, Commerce, Engineering, Law, and Graduate Nurses and Library Schools.
Tuesday, Oct. 4th.....	Library Committee Meeting.
Thursday, Oct. 6th.....	Founder's Day. Convocation for Conferring Degrees. Opening Address for the Session.
Monday, Oct. 10th.....	Thanksgiving Day. No lectures.
Wednesday, Oct. 12th....	Regular Meeting of Corporation.
Thursday, Oct. 13th.....	McCord Museum Committee Meeting.
Friday, Oct. 14th.....	Sports Day. No lectures.
Saturday, Oct. 22nd.....	Examinations in French and German for Ph.D. candidates.
Monday, Nov. 7th.....	Meeting of the Faculty of Engineering.
Friday, Nov. 11th.....	Remembrance Day. No lectures.
Tuesday, Nov. 22nd.....	Autumn Term in Medicine ends.
Wednesday, Nov. 23rd...	Winter Term in Medicine begins.
Thursday, Dec. 1st.....	McCord Museum Committee Meeting.
Sunday, Dec. 4th.....	Annual University Memorial Service.

Monday, Dec. 5th.....Meeting of the Faculty of Engineering.

Wednesday, Dec. 14th....Regular Meeting of Corporation.

Wednesday, Dec. 21st....Last day of lectures in all Faculties and Schools before Christmas.

1933

Thursday, Jan. 5th.....Lectures resumed in all Faculties and Schools.

Monday, Jan. 9th.....Meeting of the Faculty of Engineering.

Tuesday, Jan. 10th.....Library Committee Meeting.

Monday, Jan. 16th.....Mid-session examinations in Arts and Science, Engineering, the Library School, and Physical Education begin.

Friday, Jan. 20th.....Second term in Arts and Science, Engineering, Library School, Law, and Physical Education.

Thursday, Feb. 2nd.....McCord Museum Committee Meeting.

Monday, Feb. 6th.....Meeting of the Faculty of Engineering.

Wednesday, Feb. 8th.....Regular Meeting of Corporation.

Thursday, Feb. 9th.....Founder's Day, Macdonald College.

Tuesday, Feb. 14th.....Winter Term in Medicine ends.

Wednesday, Feb. 15th....Spring Term in Medicine begins.

Wednesday, March 1st...Ash Wednesday. No lectures.

Thursday, March 2nd....McCord Museum Committee Meeting.

Monday, March 6th.....Meeting of the Faculty of Engineering.

Monday, April 3rd.....Meeting of the Faculty of Engineering.

Tuesday, April 4th.....Library Committee Meeting.

Thursday, April 6th.....McCord Museum Committee Meeting.

Saturday, April 8th.....Lectures end for the first Three Years in Engineering and all Years in Architecture.

Wednesday, April 12th..Examinations begin in first Three Years in Engineering and all Years in Architecture.

Regular Meeting of Corporation.

Friday, April 14th..... to Monday, April 17th.... (inclusive) Easter Vacation.

Friday, April 21st.....Lectures end in all Faculties and Schools.

Monday, April 24th.....Examinations begin in 4th Year Engineering.

Tuesday, April 25th.....Last day for filing Ph.D. theses.

Wednesday, April 26th...Examinations begin in all Faculties and Schools.

Saturday, April 29th....Last day for filing theses for Master's degree not involving experimental work.

Monday, May 1st.....Meeting of the Faculty of Engineering.

Thursday, May 4th.....McCord Museum Committee Meeting.

Saturday, May 13th.....Last day for filing theses for Master's degree involving experimental work.

Tuesday, May 23rd.....Little Convocation for Conferring Diplomas. Preliminary Examinations for Ph.D.

Thursday, May 25th.....Convocation for Conferring Degrees.

Monday, June 19th.....Matriculation Examinations begin.

A BRIEF HISTORY OF THE UNIVERSITY

In 1813 the Hon. James McGill, a leading merchant and prominent citizen of Montreal, died and left in his will a property of forty-six acres and a sum of £10,000 to the already existing Royal Institution for the Advancement of Learning upon condition that the latter erected "upon the said tract or parcel of land, an University or College, for the purposes of education and the advancement of learning in this Province"; and further upon condition that "one of the Colleges to be comprised in the said University shall be named and perpetually be known and distinguished by the appellation of 'McGill College'."

Owing to a lack of funds and persistent opposition the complete University, which had been planned by the Royal Institution, was not built, but after years of litigation and effort, the University of McGill College was opened in 1829 with what remained of James McGill's legacy as its endowment; and teaching then started in the Faculties of Medicine and Arts. The Medical Faculty grew steadily, but the Faculty of Arts had a most delicate infancy, and by the middle of the century was still scarcely alive. In 1852 an amended Charter was secured and a new era of progress and success began with the appointment in 1855 of Sir William Dawson as Principal, a position which he held for thirty-eight years.

Since 1855 the University has grown vigorously, dividing itself into further faculties, and in 1907 establishing Macdonald College at Ste. Anne de Bellevue twenty-five miles from Montreal, as a separate residential college for Agriculture, Household Science, and the School for Teachers. This general development was greatly facilitated by the generosity of Sir William Macdonald, who gave the University a Physics Building, a Chemistry and Mining Building, and a new Engineering Building, in addition to the college named after him and mentioned above.

A history of the University, "McGill and its Story," by Professor Cyrus Macmillan, is published by the Oxford University Press, Toronto.

GOVERNMENT OF THE UNIVERSITY

By the Charter "the Governors, Principal, and Fellows" of the University are constituted a body politic and corporate, with all the usual rights and privileges of corporate bodies. The supreme authority, however, is vested in the Crown, and is exercised by his Excellency the Governor-General of Canada, for the time being, as **Visitor.** This is a special and important feature of the constitution, for, while it gives the University an imperial character and removes it at once from any merely local or party influence, it secures the patronage of the head of the political system of the country.

The **Governors** of the University are the members of the Royal Institution for the Advancement of Learning, above mentioned, and in them are vested the management of finances, the passing of University statutes and ordinances, the appointment of professors, and other important duties. Their number is limited to twenty-five. Three of these are elected by the members of the Graduates' Society and other appointments are made by the nomination of the remaining members with the approval of the Visitor. The President of the Board of Governors is ex-officio Chancellor of the University.

The **Principal** is the academic head and chief administrative officer. He is appointed by the Board of Governors (of which body he is a member ex-officio). He also holds the office of Vice-Chancellor of the University.

The **Fellows** (49 in number) are selected with reference to the representation of all the faculties and departments of the University, and of the graduates, affiliated colleges, and other bodies.

The Governors, Principal and Fellows together constitute the **Corporation,** the highest academical body. Its powers are fixed by statute and include the framing of all regulations touching courses of study, matriculation, graduation, discipline and the granting of degrees.

The carrying out of the regulations of Corporation, along with primary responsibility for the conduct of the educational work of the University, is entrusted to the several Faculties.

INCORPORATED AND AFFILIATED COLLEGES

INCORPORATED COLLEGES

Macdonald College is situated at Ste. Anne de Bellevue, about twenty miles from Montreal. It consists of three departments:—The School of Agriculture, the School of Household Science, and the School for Teachers. All courses lending to the Bachelor's and Master's degrees are under the control of the Corporation of McGill University; all the short term courses in agriculture, as well as the shorter courses in domestic science, are under the direction of the Executive Committee of Macdonald College, and those for diplomas to teach in the Province of Quebec are prescribed and regulated by the Department of Education. Full information is given in the Macdonald College Announcement, which will be sent on application to the Registrar, Macdonald College, Que.

The Royal Victoria College is the Women's College of McGill University for courses in the Faculty of Arts and Science. For further particulars, see pages 526 to 528.

AFFILIATED COLLEGES

Acadia, Alberta and Mount Allison Universities and the University of St. Francis Xavier College are affiliated to McGill University to the extent that students who have completed the two-year course in engineering given by these universities are admitted directly to the Third Year in any of the engineering courses in the Faculty of Engineering.

Students from these universities entering the Third Year must take the summer school suitable to their course, in May, or the special school in September, which will open in 1932 on September 1st, in Chemical, Mechanical and Metallurgical Engineering and on September 14th in Civil and Mining Engineering.

Royal Military College.—Graduates of the Royal Military College of Kingston, when specially recommended by the Director of Studies of that Institution, are admitted to the Fourth Year in the Civil Engineering Course and to the Third Year in the other engineering departments of the Faculty of Engineering. They must in all cases take the respective summer schools pertaining to these several courses, which are held in September, as stated in the preceding paragraph.

Arrangements have also been made whereby graduates and students of the Mechanical Science course in the University of Cambridge will be admitted to advanced standing in the Faculty of Engineering under definite regulations, particulars of which can be obtained from the Dean of the Faculty.

AFFILIATED THEOLOGICAL COLLEGES

The Theological Colleges named below are affiliated to the University under the following arrangements:—Students in these institutions, who are pursuing a double course in Arts and Theology (six years at least), will be exempted from a half course in Arts in each of the Third and Fourth Years or a whole course in either.

The United Theological College of Montreal.—Principal, Rev. James Smyth, B.A., D.D., LL.D., 3506 University St.

The Diocesan College of Montreal.—Principal, Rev. G. Abbott-Smith, M.A., D.D., D.C.L., 3473 University St.

The Presbyterian College, Montreal.—Principal, Rev. F. Scott Mackenzie, M.A., Th.D. (Harvard), D.D. (Knox), 3485 McTavish St.

For Calendars and all necessary information, apply to the Principals of the several Colleges.

AFFILIATION WITH OTHER UNIVERSITIES

The University is affiliated to the Universities of Oxford, Cambridge and Dublin. Under certain conditions students of McGill University may be granted advanced standing in these Universities. Particulars of these conditions may be obtained from the Registrar.

FACULTIES, DEGREES AND DIPLOMAS

A Brief Outline With References

The educational work of the University is carried on in McGill College, the Royal Victoria College for Women, and other University buildings in Montreal; and also in Macdonald College at Ste. Anne de Bellevue, twenty-five miles from Montreal.

McGILL COLLEGE

(Pages 108 to 208.)

Degrees offered: Bachelor of Arts (B.A.) (pp. 113 to 116).

Bachelor of Science (B.Sc.) (pp. 118 to 121).

Bachelor of Commerce (B. Com.) (pp. 187 to 189).

Period of Study in the Faculty for a Degree: Four years from Junior Matriculation.

Entrance Qualifications: Junior or Senior Matriculation (pp. 77 and 87).

For fees see page 101.

THE FACULTY OF MEDICINE

(Pages 295 to 356.)

Degrees offered: Doctor of Medicine and Master of Surgery (M.D., C.M.) (See pp. 316 to 318).

Diploma offered: The Diploma in Public Health (D.P.H.). (See pp. 347, 348.)

Period of Study in the Faculty for the Degree: Five years.

Entrance Qualifications: (See p. 304).

For fees see pages 101, 307.

THE FACULTY OF LAW

(Pages 376, 384.)

The course in the Faculty of Law is based mainly on the study of the Roman and Civil systems, the curriculum and timetable being arranged on the assumption that a student is devoting his entire time to his university work.

Degree offered: Bachelor of Civil Law (B.C.L.).

Period of Study in the Faculty of Law: Three years.

Entrance Qualifications: At least two years in a recognized Arts Faculty.

For fees see page 101.

THE FACULTY OF ENGINEERING

(Pages 209 to 294.)

(Men Only)

Degrees offered: Bachelor of Architecture (B.Arch.). See below. Bachelor of Engineering (B.Eng.), in the Departments of Chemical, Civil, Electrical, Mechanical, Metallurgical, and Mining Engineering.

Period of Study in the Faculty: Four years.

Entrance Qualifications: Senior Matriculation or First Year Arts and Science covering English, Mathematics, Physics, Chemistry, and any one of: History, French, German, Latin, Greek, Spanish. (Page 209.)

For fees see page 101.

THE SCHOOL OF ARCHITECTURE

(Pages 221 to 225.)

(in the Faculty of Engineering)

(Men Only)

Degree offered: Bachelor of Architecture (B.Arch.).

Period of Study in the School: Five years.

Entrance Qualifications: Junior Matriculation with Intermediate Mathematics. Students must also satisfy the Head of the School that they have drawing ability. (Page 209.)

For fees see page 101.

THE FACULTY OF DENTISTRY

(Pages 357 to 375.)

Degree offered: Doctor of Dental Surgery (D.D.S.).

Period of Study in the Faculty: Four years.

Entrance Qualifications: At least two years in Arts and Science, including two years of lectures and laboratory work in Chemistry (inorganic and organic), and one year each of Physics and Biology. (Page 358.)

To be qualified to practise in the Province of Quebec, a student must take at least one year of this pre-dental work in a recognized English university in that Province.

For fees see page 101.

FACULTY OF AGRICULTURE

This faculty is housed in Macdonald College at Ste. Anne de Bellevue, twenty-five miles from Montreal.

Degrees offered: Bachelor of Science in Agriculture (B.S.A.). Bachelor of Science (in Agriculture) (B.Sc. in Agr.).

The first degree implies four years at Macdonald College. The second implies two years of study in the Faculty of Arts and Science and then two years of study at Macdonald College.

If a student wishes eventually to teach, the first two years must comply with the regulations stated on page 136. Otherwise the student may take the first two years of the work towards the general B.Sc. degree.

For entrance qualifications, fees, and further details, see Announcement of Macdonald College, which may be obtained from the Registrar, Macdonald College, P.Q.

FACULTY OF MUSIC

Degree offered: Bachelor of Music (Mus. Bac.).
Diploma offered: Licentiate in Music.
Period of Study in the Faculty for the Degree: Three years.

For further details see pages 385 to 396 and also the Announcement of the Faculty of Music.

FACULTY OF GRADUATE STUDIES AND RESEARCH

(Pages 397 to 471.)

Degrees offered: Master of Arts (M.A.), Master of Science (M.Sc.), Master of Engineering (M. Eng.), Master of Commerce (M. Com.), Master of Civil Law (M.C.L.), Doctor of Philosophy (Ph.D.), Doctor of Civil Law (D.C.L.), Doctor of Science (D.Sc.), Doctor of Music (Mus. Doc.).

For fees see page 101.

SCHOOL OF HOUSEHOLD SCIENCE

(Macdonald College)

(Women Only)

Degree offered: Bachelor of Household Science (B.H.S.).

Diplomas offered: See Macdonald College Announcement.

Period of Study for the B.H.S.: Four years.

Entrance Requirements: Junior Matriculation.

Yearly Fee for residents of Canada $100
" " for non-residents $125

For details, see the Announcement of Macdonald College, which may be obtained from the Registrar, Macdonald College, P.Q.

THE LIBRARY SCHOOL

(Pages 472 to 477.)

Degree offered: Bachelor of Library Science (B.L.S.).
Period of Study: One year.
Entrance Qualifications: B.A. or B.Sc. degree.
Fee, $150.

SCHOOL FOR GRADUATE NURSES
(Women Only)

(Pages 490 to 513.)

Diplomas offered: (*a*) Public Health Nursing; (*b*) Teaching in Schools of Nursing; (*c*) Supervision in Hospitals and Schools of Nursing; (*d*) Organization and Administration of Hospital Nursing services; (*e*) Organization and Supervision of Nursing in the Community.

Period of Study for a Certificate: One year.

Period of Study for a Diploma: Two years.

For fees see page 101.

SCHOOL OF PHYSICAL EDUCATION

(Pages 478 to 489.) **(Women Only)**

Period of Study: Two years leading to a diploma.

For fees see page 101.

SOCIAL SCIENCE RESEARCH

The study of human relations is forcing itself more and more upon the attention of universities as a field in which their organisation and equipment can render new service in the modern world.

Through the generosity of the Rockefeller Foundation, McGill University has been provided with the means of extending research in the social sciences. In accordance with modern needs, such research is planned to be co-operative, bringing to bear on the same social problems the work of investigators trained in different fields—economics, political science, sociology, education, psychology, and others. It is believed that this will render more concrete and effective the work of the social science departments; it will extend the training of students for research; and it is hoped that systematic investigation will produce results beneficial to the community at large. The main subject for investigation at present is unemployment and its related problems.

The Social Research Council of the University, which brings together representatives of the social science departments and other persons interested in the research is constituted as follows:

SIR ARTHUR CURRIE,
Chairman

PROF. JOHN BEATTIE.	PROF. C. W. HENDEL.
PROF. FRED CLARKE.	GEO. HODGE.
PROF. J. A. COOTE.	PROF. C. KELLOGG.
DEAN P. E. CORBETT.	DEAN IRA MACKAY.
PROF. C. A. DAWSON.	DR. FRANK PEDLEY.
PROF. GRANT FLEMING.	JULIAN SMITH
PROF. J. C. HEMMEON.	A. B. WOOD.

L. C. MARSH,
Director

The Department of Social Research operates as a coordinating agency. It is not a separate teaching department but is organised in intimate relation with the departments of Economics, Sociology, Education, Psychology, etc., to supervise and coordinate researches in the above mentioned fields. The department is concerned also with the collection and analysis of social and economic data, especially in relation to unemployment and to Montreal, required as the basis of special studies now and in the future.

JUNIOR MATRICULATION

For admission to the First Year of the Faculty of Arts and Science. The entrance requirements of the other Faculties and Schools of the University are stated on pp. 72–75.

For Senior Matriculation see page 87.

I. REGULATIONS

1. Junior Matriculation examinations are held in June and September—in June at McGill University and local centres; in September, at Montreal only.

ALL INQUIRIES, EXCEPT FROM CANDIDATES IN GREAT BRITAIN, RELATING TO THE EXAMINATIONS SHOULD BE ADDRESSED TO THE REGISTRAR OF THE UNIVERSITY.

For the convenience of candidates in Great Britain, an examination will be held regularly in London, Eng., each year, commencing on or about the 16th of June. Full information regarding the exact date of the examination, fees, etc., may be obtained from the Honorary Representative of the University, W. A. Bulkeley-Evans, Esq., C.B.E., M.A., LL.D., Secretary, Headmasters' Conference, 5 Paper Buildings, Temple, London, E.C. 4.

2. Every candidate for examination is required to fill up an application form and return it with the necessary fee one month before the examination begins. The fee is one dollar per paper with a minimum fee of two dollars and a maximum fee of ten dollars. Blank forms may be obtained from the Registrar.

No application for the examination in June, will be received after May 20th.

3. In order to pass, a candidate must obtain 60 per cent of the aggregate for all subjects of the Matriculation Examination, and not less than 40 per cent in any paper; provided, however, that a candidate who makes an exceptionally high aggregate, but fails in one paper only, may be admitted at the discretion of the Faculty or School concerned. The examination may be taken in parts, but it must be completed within sixteen months from the date of the first attempt.

This regulation also applies in the case of certificates granted by other recognized examining bodies.

4. Matriculation certificates will be issued to candidates who have passed the examination conducted by the University, but not to those who have satisfied the greater part of the entrance requirements by means of certificates granted by other examining bodies.

5. The certificates and diplomas named below will (if they have been obtained under no easier conditions than those which apply in the case of the McGill Matriculation certificate) be accepted *pro tanto* in lieu of the Junior Matriculation examination, *i.e.*, in so far as the subjects and standard of the examination taken to obtain them are, to the satisfaction of the Admissions Committee, equivalent to those required for the Matriculation Examination of this University. Candidates offering certificates which are not a full equivalent will be required to pass in the subjects in which they are deficient under the provisions of Regulation 3.

Intending students who wish to enter by certificate should under no circumstances come to the University without having first obtained from the Registrar a statement of the value of the certificate they hold.

Province of Quebec.

The High School Leaving Certificate.

Candidates for Matriculation, attending schools or colleges in the Province of Quebec, are required to pass the McGill Matriculation examination or the corresponding High School Leaving examination of the Province.

Province of Ontario.

Middle School Certificate.

Province of New Brunswick.

Grade XI Certificate.

Province of Nova Scotia.

Grade XI Certificate.

Province of Prince Edward Island.

Second Year Certificate of Prince of Wales College.

Province of British Columbia.

Junior Matriculation.

Province of Manitoba.

Grade XI Certificate.

Provinces of Alberta and Saskatchewan.

The Departmental Certificate of Standard XI.

Newfoundland.

Junior Matriculation.

***United States.**

The College Entrance Examination Board Certificate.

Great Britain.

The School Certificate (with four or five credits) of:—

The Oxford and Cambridge Schools Examination Board.
The Oxford Local Examination Board.
The Cambridge Local Examination Board.
The Northern Universities Joint Examination Board.
The Central Welsh Board.
Durham University.
Bristol University.
London University.

The certificate granted by the Joint Board of Examiners of the Scottish Universities.

Miscellaneous.

Other certificates, such as those issued by reputable universities or recognized public Examining Boards, will be judged on their merits and accepted in so far as they meet the entrance requirements.

II. SUBJECTS OF EXAMINATION

For 1933

Faculty of Arts and Science

A. For admission to the Arts Division.

	Maximum Marks	
1.	200	**English.**
2.	100	**History.**
3.	200	**Latin** *or* **Greek.**
4.	200	One of the following: **Greek** *or* **Latin** (the one not already chosen); **French; German.**
5.	200	**Elementary Mathematics.**
6.	100	One of the following: **Botany; Chemistry; Physics; Music;** one paper in **Intermediate Mathematics;** a **foreign language** not already chosen (*the average of the two papers is counted*).
Total	1,000	

*A special memorandum giving the entrance requirements for American students may be obtained from the Registrar's Office.

B. For admission to the Science Division.

	Maximum Marks	
1.	200	**English.**
2.	100	**History.**
3.	200	**French** *or* **German.**
4.	200	**Elementary Mathematics.**
5.	100	One of the following: **Botany; Chemistry; Physics.**
6.	200	**Latin** *or* **French** *or* **German** (whichever has not been already taken) *or* **Intermediate Mathematics***; *or* any two of the subjects named under No. 5, not already taken, *or* one of these and **Drawing** *or* **Music** *or* one paper in **Intermediate Mathematics.**
Total	1,000	

The "maximum marks" above are those of the University's Junior Matriculation Examination and have no reference to any other Examination.

C. For Admission to the School of Commerce.

The B.A. or B.Sc. Matriculation Examination but in the case of the latter Spanish may be substituted for French or German.

APPLICATION FOR ADMISSION TO THE FACULTY OF ARTS AND SCIENCE

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's Office. Completed applications must reach the Registrar before September 10th.

The College is not bound to accept all applicants who have passed the required examinations, and not more than 375 will be admitted into the First Year for the session 1932-33.

ENTRANCE SCHOLARSHIPS AND EXHIBITIONS

For a list of Entrance Scholarships and Exhibitions, see pp. 95–100.

PRESCRIPTION OF WORK IN EACH SUBJECT

For 1933

English.

A. *Composition.* As in the Ontario High School Composition, page 198 to the end (Copp, Clark Co.), with a short essay on a general subject and two or three others based on the works prescribed for

*Candidates who intend to enter Engineering ultimately are advised to take this subject.

reading, as follows:—Shakspere, As You Like It (Copp, Clark Co.*); Thackeray, Henry Esmond (Macmillan*); Macdonald's English Prose Selections (Macmillan), Part II.

These books should be read carefully, but the student's attention should not be so fixed upon details that he fails to appreciate the main purpose and beauty of the work.

Frequent practice in composition is essential.

B. *Literature* (for critical study).—Shakspere, Julius Cæsar (Copp, Clark Co.*); Poems of the Romantic Revival, pages 29-56 and 107-162 (Copp, Clark Co., Ltd., Toronto).

Passages for memorization:—

The Prelude, lines 40-56; The Rainbow, the whole; Ode on Intimations of Immortality, lines 58-66; She Dwelt Among the Untrodden Ways, the whole; The World Is too Much With Us, the whole; Ode to a Nightingale, lines 61-70; Songs from Pippa Passes, lines 1-8; The Italian in England, lines 145-160; Andrea del Sarto, lines 69-98; Asolando, lines 11-20; As You Like It, Act II, Scene VII, lines 139-166; Julius Cæsar, Act II, Scene I, lines 10-35; Act III, Scene I, lines 148-163; Act III, Scene II, lines 217-231; Act V, Scene V, lines 68-75.

Candidates will also be expected to commit to memory other passages of a striking nature, but not exceeding 25 per cent of the amount prescribed.

Two examination papers; one on Composition and the other on Literature (for critical study).

Spelling will be tested by the candidates' papers in English, Examiners in other subjects will also take note of mis-spelled words.

History

General History from 1300 A.D. to the present time. Any standard General History, such as Myers, General History (Ginn and Co.), may be used as a text book.

Or

British History from 1714 to the present time. *Text-book:*—The Groundwork of British History, by Warner and Marten (Blackie & Sons, Edinburgh), Part III, with appendices.

The geography required will be that relating to the history prescribed.

One examination paper.

---

*These editions are recommended, not prescribed.

Greek.

Texts:—Easy Selections from Xenophon, Philpotts and Jerram, chaps. 3, 4, 5; Homer, Iliad I, lines 1 to 350.

Grammar.—Knowledge of grammar will be tested by translation and by grammatical questions based on the specified texts.

Translation at Sight from Greek into English.

Two examination papers; one on Xenophon and Composition, the other on Homer and Translation at Sight.

Latin.

Texts (Translation and Grammatical study).

Selections from Cicero, ed. Charles (Bell's Illustrated Classics); Virgil, Aeneid, Book II.

Grammar.—Knowledge of grammar will be tested by translation and composition, and by grammatical questions based on the specified texts.

Translation at Sight from Latin to English.

Composition.—Translation into Latin of detached English sentences and easy narrative.

Two examination papers; one on Cicero and Composition, and the other on Virgil and Translation at Sight.

NOTE.—The "Roman" method of pronouncing Latin is recommended.

French. (New syllabus for 1933 and subsequent years).

Prescribed Texts:—Maupassant: Contes de Guerre (O.U.P.), and Daudet: La Belle Nivernaise (Heath).

Recommended Grammars: Fraser and Squair (Heath) *or* Bertenshaw (Longman), *or* Berthon (Dent), *and* Cameron: Elements of French Composition (Holt).

Grammar:—A thorough knowledge of French accidence and common syntax.

Texts:—Questions on the texts to be answered in French; translation from the texts.

Translation:—Translation into French of detached English sentences and an easy piece of continuous prose.

Composition:—**Either* a short essay to be written in French **or* The reproduction in French of a story read to the candidates in French in the examination room.

**These sections are alternatives, candidates for entrance to the University being strongly advised to choose the latter, is possible.*

There are two papers: I—Texts and Grammar, II Composition and Translation.

All examination questions are set in French.

German.

Texts.—(Translation and grammatical study):—

Guerber, Märchen und Erzählungen (Heath), omitting Nos. 3, 4, 10, 14 and Poems; Baumbach, Der Schwiergershon (Copp, Clark Co.).

Grammar.—A through knowledge of German accidence and syntax as in Van der Smissen, or any other German grammar of equally good standing.

Translation at Sight into English of a German passage of moderate difficulty.

Translation into German of detached English sentences and of an easy English passage. Material for such translation is selected with a view to exemplifying the points of grammar included within the above limits.

Two papers; one on prescribed texts and grammar, including translation of short English sentences into German, and one on translation of continuous passages from German into English and from English into German.

Spanish.

Two papers will be set, containing (1) questions on grammar and syntax, (2) passages for translation from prescribed text-books, (3) unseen translation from Spanish into English, and (4) translation from English into Spanish.

Texts prescribed:—Juan Valera's "El pajaro verde" (Ginn & Co.); Hills & Cano, "Cuentos y Leyendas" (Heath & Co.).

Books recommended:—Coester's Spanish Grammar (or any other good Spanish grammar); Cool's Spanish Composition.

Italian.

Prescribed texts:—Bowen's Italian Reader (Heath); Manzoni, I promessi sposi.

Grammar.—A thorough knowledge of Italian accidence and of those points of syntax which are of more frequent occurrence in an ordinary easy style.

Translation at Sight into English of an Italian passage of moderate difficulty.

Translation into Italian of detached English sentences and an easy English passage. Material for such translation is selected with a view to testing the candidate's general knowledge of Italian grammar.

Books recommended:—Grandgent's Italian Grammar (Heath); Grandgent's Italian Composition (Heath).

Two papers will be set; one on grammar, including translation of short English sentences into Italian, and one on translation of continuous passages from Italian into English (from prescribed texts) and from English into Italian.

Elementary Mathematics.

Algebra.—Elementary rules, involution, evolution, fractions, indices, surds, simple and quadratic equations of one or more unknown quantities, ratio and proportion, as in Hall and Knight's Elementary Algebra. Chapters I to XXXII (omitting portions marked with an asterisk and Arts. 303-311), or as in similar text-books.

One examination paper.

Geometry.—The paper will contain questions on practical and on theoretical geometry.

In practical geometry, where the validity of a construction is not obvious, the reasoning by which it is justified may be required. Every candidate must provide himself with a ruler graduated in inches and tenths of an inch, and in centimetres and millimetres, a set square, a protractor, compasses and a hard pencil. All figures should be drawn accurately.

The questions on theoretical geometry will consist of theorems contained in the text-book prescribed, together with questions upon these theorems, easy deductions from them, and arithmetical illustrations. Any proof of a proposition will be accepted if it forms part of a systematic treatment of the subject.

In the proof of theorems and deductions from them, the use of hypothetical constructions will be permitted. Proofs which are only applicable to commensurable magnitudes will be accepted.

Text-book recommended:—Hall and Stevens' School Geometry, pp. 1-203, 219-265, 267-276 and Theorems 69, 70, 71, 72.

One examination paper.

Intermediate Mathematics.

Algebra.—The three progressions, variations, permutations and combinations, binomial theorem, logarithms, theory of quadratic equations, as in the remainder of Hall and Knight's Elementary Algebra (omitting chaps. 40 to 44 inclusive), or as in similar text-books.

One examination paper.

Geometry.—As in Hall and Stevens' School Geometry, pp. 192-322, or as in similar text-books.

Trigonometry.—Measurement of angles, trigonometrical ratios or functions of one angle, of two angles, and of a multiple angle; as in Lock's Elementary Trigonometry, Chaps. I to XII; Hall and Knight's Elementary Trigonometry, Chaps. I to XII, inclusive; Hall and Knight's Elementary Trigonometry, revised Canadian edition, Chaps. I to X, inclusive; or as in similar text-books.

Geometry and Trigonometry will be included in one examination paper.

Chemistry.

An elementary treatment of the fundamental principles of chemistry, with the preparation and properties of the commoner elements and their most important compounds, the application of these in the home and in the industries, the laws of chemical action, the essential hypotheses, etc.

Text-book:—"Elementary Chemistry for High Schools" (Revised Edition) by Nevil Norton Evans (W. J. Gage & Co. Ltd., Toronto), Chaps. I-XXV inclusive.

One examination paper.

Physics.

Properties of matter; elementary mechanics of solids and fluids, including the laws of motion, simple machines, work, energy; fluid pressure and specific gravity; thermometry, the effects and modes of transmission of heat.

Text-book recommended:—High School Physics, by Merchant and Chant (revised edition), Parts I, II, III, IV and VI, or the equivalent in other text-books.

One examination paper.

Botany.

Candidates will be examined on the following schedule:—

1. The form, structure and work of plants, especially higher plants, and of their various organs.

Bergen and Caldwell, Chapters I to IX and XXI, with some amplification as to microscopic structure and physiology. The practical work in Eikenberry provides a basis for this amplification. The teacher is referred to Gager, Parts I and II.

2. Broad classifications and comparative study of the main groups of plants; familiarity with standard types.

Bergen and Caldwell, Chapters X to XIX.

3. Distinguishing characters of the commoner families of flowering plants. (Bergen and Caldwell, Chapter XX.) Field study; an elementary acquaintance with the flora and ecology of the district in which the candidate lives. (The remaining chapters of Bergen and Caldwell may serve as a guide, but first hand acquaintance with local plants is mainly desired.)

Text-books:—Bergen and Caldwell's "Practical Botany," to be used with Eikenberry's "Problems in Botany," a laboratory manual for the guidance of teachers. Gager's "General Botany," or Macgregor Skene's "Biology of Flowering Plants" are also recommended for teachers.

Physical Geography.

(*For candidates entering the Faculty of Agriculture.*)

Tarr's new Physical Geography, Chapters I to XIV and appendices A to H inclusive, or the Ontario High School Physical Geography (Ryerson Press).

Music.

The Intermediate Grade Certificate of McGill University in practical subjects and the Junior Grade Certificate in theoretical *or* vice versa. (Details will be found in the Announcement of the Conservatorium of Music.)

Drawing.

Candidates may take Parts I and II or *one* of III and IV *and one* of V and VI.

PART I

Elementary problems in Geometrical Drawing, with applications, as in Part I of Armstrong's Geometrical Drawing (Renouf and Co.).

PART II

(*a*) Reproduce freehand ornament designs from flat copies.
(*b*) Make drawings, by freehand, or otherwise, of objects described, illustrating the principles of perspective.
(*c*) Make outline drawings of objects placed at a short distance.

PART III

Draw in light and shade, with charcoal or pencil, from a plaster cast or ornament in high relief.

PART IV

Make water colour drawings of still life groups.

PART V. COMMERCIAL ART

(*a*) Lettering, including Roman and Gothic.
(*b*) Posters, Magazine Page Advertisements.
(*c*) Illustration, in colour and otherwise.

PART VI. CRAFT DESIGN

(*a*) Principles of ornament and decoration.
(*b*) Historic Styles.
(*c*) Themes, compositions or designs, founded on flowering plants, birds, fishes, butterflies, animals and humans, for specific purposes such as:—Wall papers, embroideries, silver and copper work, jewellery, stained glass, decoration of pottery, cups and saucers, etc.

SENIOR MATRICULATION

1. ARTS DIVISION

For admission to the Second Year of the B.A. courses.

English.
Latin *or* **Greek.**
Mathematics *or* **a third foreign language.**

Any two of the following:—

1. **History.**
2. **Latin** *or* **Greek** (the one not already taken).
3. **French.**
4. **German.**
5. **Science (Physics** *or* **Chemistry** *or* **Biology).**

Candidates cannot substitute a third foreign language for Mathematics unless they have passed in the Mathematics prescribed for Junior Matriculation.

II Science Division

For admission to the Second Year of the B.Sc. courses and to the Faculty of Engineering (see pp. 118 and 209).

Chemistry.
English.
French *or* **German.**
Mathematics.
Physics.

III. Commerce

For admission to the Second Year of the B.Com. courses.

English.
Mathematics.
French *or* **German** *or* **Spanish.**
Accountancy.

Any two of the following:—

1. **Latin** *or* **Greek.**
2. **French** *or* **German** *or* **Spanish** (one not already taken).
3. **Physics** *or* **Biology** *or* **Chemistry.**
4. **History.**

This examination may be taken in two parts, but a candidate must complete the requirements within sixteen months from the date of the first attempt. The pass mark is 50 per cent in each paper.

The fee is two dollars a paper with a minimum fee of three dollars and a maximum fee of fifteen dollars.

Requirements in each subject

(For the Years 1933 and 1934)

Accountancy.

Double-entry book-keeping, control accounts, trading and profit and loss statements, balance sheets, various forms of Cash Books, imprest system petty cash, Columnar Journals, Bills Registers, reserves for discounts, bad debts and depreciation, single-entry, consignments, working sheets, inward and outward freight, capital and revenue expenditure, bills of exchange, bills of lading, etc.

Text-books:—"Accounting Principles and Practice," by Smails and Walker (Ryerson Press, Toronto), Chapters 1-7 inclusive, and "One Hundred and Twenty Graduated Exercises in Book-keeping," by Thompson (Pitmans, Toronto). Exercises A to Q, inclusive.

One examination paper.

Further details will be given on application to the Registrar.

Biology.

Text-books:—Biology, by H. W. Coun (Silver, Burdett & Co.), Chapters 1 to 10 inclusive; Animal Biology, by J. B. S. Haldane and Julian Huxley (Clarendon Press), and the life history of Spirogyra, Mucor, and a fern, as in any good elementary text-book of Botany.

In addition, a certificate will be required, signed by the Headmaster of the school attended, to the effect that the candidate has regularly carried out the necessary laboratory work on the course indicated.

One examination paper.

Chemistry.

Text-books:—Schlesinger, General Chemistry (1930), omitting pages 328-343, 409-444, 495-507, 517-574, 710-739, 744-747.

One examination paper.

Commencing with the examinations in 1933, the student's notebook, setting forth his own laboratory work, certified by the Instructor and Headmaster of the School, must be forwarded to the Registrar for the examiner's evaluation.

English.

Composition.—The examination will be designed mainly to test the candidate's ability to write English. He will be expected to have acquired a fairly clear and accurate style, to be able to arrange material in an effective fashion, and to show discrimination in the choice of words. In preparation for the examination it is suggested that students be required to write mainly on simple, expository subjects that are within the range of their actual experience.

Carpenter's Rhetoric and English Composition (Macmillan) is recommended as a suitable text-book.

Literature—In 1933 there will be alternative papers in Literature based upon the following texts:—

either

(a) (1933 only) Chaucer, Prologue to the Canterbury Tales; Spenser, Faerie Queene, Book 1, Cantos 1 and 2; Shakspere, Macbeth and As You Like It; Milton, Minor Poems (L'Allegro, Il Penseroso, Lycidas and Comus); and Bunyan, Pilgrim's Progress, Part 1.

Candidates are also expected to read Long, English Literature (Ginn & Co.), Chapters I–VII inclusive, with special emphasis on the portions most closely connected with the foregoing books,

or

(b) (1933 and subsequently.)

The examination will be based on the following list of readings. Candidates will be expected to have a general elementary knowledge

of English literary history from the time of Chaucer. The minimum requirements are two from Group 1, two from Group 2, two from Group 3, four from Group 4, three from Group 5, four from Group 6, and two from Group 7. Students are advised, however, to read more than the minimum required.

Group 1

Chaucer—Prologue to The Canterbury Tales.
English and Scottish Ballads. (Selected)
Spenser—The Faerie Queene—Book I. Cantos 1 and 2.

Group 2

Shakspere—Three of the following plays:
A Midsummer Night's Dream.
The Merchant of Venice.
Romeo and Juliet.
As You Like It.
Macbeth.
The Tempest.

Group 3

Bacon—Six Essays.
Milton—Minor Poems; Paradise Lost—Book I.
Bunyan—Pilgrim's Progress.
Dryden—Selected poems.

Group 4

Addison and Steele—Selected essays.
Swift—Prose selections.
Defoe—Prose selections.
Pope—Selected poems.
Gray—Selected poems.
Burns—Selected poems.
Goldsmith—Selected poems.
Boswell—Life of Johnson (Selections).

Group 5

Coleridge, Wordsworth, Scott, Byron, Shelley and *Keats.* (Selected poems.)

Group 6

Tennyson and *Browning*—(Selected poems.)
Carlyle—Essay on Burns or Essay on Scott.
Ruskin—Prose selections.
Stevenson—Selected Short Stories and a novel.
Kipling—Selected Short Stories and a novel.
Barrie—Courage.

Group 7

Darwin—The Voyage of the Beagle.
Conrad—Youth.
Hardy—Under the Greenwood Tree.
Bennett—The Old Wives' Tale.

Further details of these readings may be obtained from the Registrar's Office.

The following books of selected readings in English Literature will be found useful:—

Cunliffe, Pyre, and Young—Century Readings in English Literature (Century Company).

Manly—English Poetry and Prose (Ginn and Company).

Macmillan and Noad—English Poetry and Prose (In preparation).

Two examination papers.

In 1934 and subsequently the requirements in English Literature will be those enumerated under (b) above.

French.

Bouvet, French Syntax and Composition (Heath); Lavisse, Histoire de France, Cours Moyen; Maupassant, Huit Contes Choisis; Jules Verne, Le Tour du Monde (Heath); Dumas, Les Trois Mousquetaires (Heath); Hugo, Gavroche (Oxford).

Translation at Sight from English into French and from French into English.

Two examination papers.

German.

Van der Smissen and Fraser High School Grammar (Copp, Clark Co.), Lessons I-XL, XLIV-XLIX, LX, LXI; Super, Elementary German Reader (Ginn), pp. 1-75; Hauff, Die Karavane (Macmillan).

Translation at Sight from German into English and from English into German.

Two examination papers.

Greek.

Homer, Iliad XXII (Pitt Press Series, Camb. Univ. Press); Lysias, pp. 30-92, in Shuckburgh's Lysias, Orationes (Macmillan).

N.B.—Although the above editions are suggested, others may be used.

The examination will include a paper on grammar, composition and sight translation.

Either of the following books is recommended for grammar:—First Greek Grammar, Rutherford (Macmillan); Goodwin's Greek Grammar (Ginn & Co.).

Two examination papers.

History.

General History of Europe from the break-up of the Roman Empire to the present day.

No text-book is prescribed. Such a book as J. H. Robinson's Introduction to the History of Western Europe (new brief edition in one vol., Ginn & Co.) would furnish the candidate with an adequate basis of knowledge. G. B. Adam's European History, an Outline of its Development. would also be found useful. The student will find Robinson's Readings in European History a valuable supplement to whatever text-book he uses.

Candidates should read at least one of the works in each of the following groups:—

(1) Einhard's Life of Charles the Great (tr. S. E. Turner, American Book Co., or W. Glaister, Bell & Son); Memoirs of the Crusades (Everyman's Series); Froissart's Chronicles (Everyman's Series).

(2) Machiavelli's Prince (Everyman Series); Macaulay's Essays on Machiavelli and Ranke's History of the Popes; Motley's Rise of the Dutch Republic, Part III (Everyman's edition. vol. II).

(3) Macaulay's Essays on the War of the Succession in Spain and Frederick the Great; Carlyle's French Revolution.

(4) A. W. Kinglake's Eothen; G. M. Trevelyan's Garibaldi and the Thousand.

One examination paper.

Latin.

Virgil, Aeneid I (Sidgwick, Camb. Univ. Press, edition with vocabulary); and Cicero, In Catilinam, I, III, IV.

The examination will include a paper on grammar, composition and sight translation.

The grammar recommended is New Latin Grammar by Sonnenschein (Oxford Clarendon Press).

Two examination papers.

Mathematics.

Algebra.—Hall and Knight's Elementary Algebra (omitting chapters 40-44, inclusive), or the same subject matter in similar text-books.

Plain and Solid Geometry.—Hall and Stevens' School Geometry to Theorem 98, inclusive, omitting pp. 319 to 346, inclusive.

Trigonometry.—Hall and Knight's Elementary Trigonometry, Chapters I to XVI, inclusive, and pp. 198, 199, or Hall and Knight's Elementary Trigonometry, revised Canadian edition, Chaps. I to XIII, inclusive, and pp. 204, 205.

Two examination papers, one on Algebra and one on Geometry and Trigonometry.

Physics.

A general knowledge of the more important principles of elementary physics will be required.

Text-book:—Kimball, College Physics (Henry Holt & Co., New York, 1912).

The student's notebook, setting forth his own laboratory work, certified by the Instructor and Headmaster of the School, must be forwarded to the Registrar for the examiner's valuation. Unless this is done, an examination on practical physics will have to be taken.

One examination paper.

Spanish.

Two papers will be set as in the Junior Matriculation, but the examination will be of a more advanced character.

Text-books prescribed:—Baroja's "Zalacain el aventurero" (Heath & Co.); Azorin's "Las Confesiones" (Heath & Co.).

"Temas españoles," Crawford (H. Holt & Company).

CERTIFICATES RECOGNIZED

The following certificates will be considered on their merits towards meeting the foregoing requirements:—

Province of Ontario.

Upper School Certificate.

Province of Nova Scotia.

Grade XII Certificate.

Province of Prince Edward Island.

Third Year Certificate of the Prince of Wales College.

Province of Manitoba.

Grade XII Certificate.

Provinces of Alberta and Saskatchewan.

Grade XII Certificate.

Province of British Columbia.

Senior Matriculation Certificate.

Newfoundland.

Senior Associate Grade Certificate.

Great Britain.

The Higher Certificates of:—

The Oxford and Cambridge Schools Examination Board.
The Oxford Local Examination Board.
The Cambridge Local Examination Board.
The Northern Universities Joint Examination Board.
The Central Welsh Board.
Durham University.
Bristol University.
London University.

ENTRANCE SCHOLARSHIPS

Unless otherwise stated, applications for these scholarships must be made to the Registrar before August 1st.

GENERAL REGULATIONS

1. Scholarships will be awarded only if an adequate standard is attained.
2. In order to retain his scholarship a successful candidate must proceed regularly with his college course to the satisfaction of the Faculty.
3. Entrance Scholarships may occasionally be held over for a year if the winner is preparing for Senior Matriculation or an equivalent examination. For permission apply to the Registrar.
4. The annual income of the scholarships will be paid in four instalments, viz.:—In October December, February and April, about the 20th of each month.

The Ottawa Valley Exhibitions

These three exhibitions are:—

1. The P. S. Ross Exhibition, of the value of $100, founded by Mr. P. D. Ross, B.A.Sc., in memory of his father, the late Mr. P. S. Ross.
2. The Ottawa Valley Graduates' Society Exhibition of the value of $75.
3. The Dr. H. Ami Exhibition, of the value of $50, given by Mrs. H. Ami in memory of her husband, the late Dr. H. Ami.

These exhibitions are given through the Ottawa Valley Branch of the Graduates' Society and are open only to bona fide residents of the Ottawa Valley. The exhibitioners are selected by the University from candidates who have written (1) The McGill Junior Matriculation Examination or (2) The Quebec High School Leaving Examination or (3) The Ontario Middle School Examination. In exceptional cases a candidate who has written the McGill Senior Matriculation or the Ontario Upper School examinations may be considered.

The Sidney J. Hodgson Exhibitions

Two exhibitions, one of $250 and one of $175, were founded by Arthur J. Hodgson, Esq., in memory of his son, Sydney James Hodgson, a student of the First Year in Arts, who was killed in action on September 27th, 1918, while serving in the 66th Battery of the Canadian Field Artillery. They are open to pupils of Westmount High School who have been in attendance for at least one year, and are awarded on the result of the June matriculation examination to the two pupils who obtain the highest and the second highest percentage, respectively, on the subjects required for entrance to the Faculty of Arts and Science, and who attend the University during the ensuing session.

Bursaries Granted by the Imperial Order of the Daughters of the Empire

These bursaries of the annual value of $300, tenable for four years at any university, are open to the sons and daughters of deceased or permanently or seriously disabled soldiers and sailors. At least one is available for each Province each year.

Full information can be obtained by writing to the Provincial Educational Secretary Office, 12 Mount Royal Hotel.

Scholarship Granted by the Graduates' Society of the District of Bedford

This scholarship, of $120, is awarded annually to a "matriculated student in Arts and Science whose parents reside in the District of Bedford, and whose candidature has been approved by a committee of the Society."

Narcissa Farrand (Mrs. N. Pettes) Scholarship

This scholarship, of $300 ($150 for two years), founded by Mr. and Mrs. H. V. Truell, of Sweet Acre, Knowlton, Que., and endowed by them with the sum of $7,000 out of the Narcissa Farrand Fund, is awarded annually to the candidate from the Eastern Townships who obtains the highest marks at the Arts and Science matriculation examination in June, and who has had his domicile in the Eastern Townships for five consecutive years immediately preceding the examination.

The Grace Fairley Trafalgar Scholarship

Founded in 1913 by certain friends and former pupils of Miss Grace Fairley, to signalize her long and faithful service to education as head of the Trafalgar Institute. It is of the value of $130, is tenable for one year only, and is awarded annually to the student of Trafalgar Institute who obtains the highest marks in the June matriculation examination and enters the Faculty of Arts and Science.

Scholarship for Holders of Intermediate Diplomas

A scholarship of $150 is offered annually in the Faculty of Arts and Science to holders of Intermediate diplomas obtained after a course of study in Macdonald College.

Candidates must apply through the Dean of the School for Teachers before May 1st, and must satisfy the entrance requirements of the Faculty of Arts and Science and declare their intention to proceed to a First Class High School diploma.

The scholarship is awarded on the academic subjects of the examination for the Intermediate diploma; but although the practice marks are not taken into account directly, the opinion of the Macdonald College staff as to the general fitness of the applicant for a University course is considered. If there is no applicant from the graduating class in any year, application from graduates of previous years are considered on their merits.

Holders of this scholarship are permitted to count practice teaching and post-graduate work towards the fulfilment of their agreement to teach for a period of three years in the Province of Quebec.

The Sir William Macdonald Entrance Scholarships in Arts and Science

Five scholarships of $150 each, endowed by Sir William Macdonald, and open only to men, are awarded upon the June Matriculation results and are tenable in the Faculty of Arts and Science. Three of the five are given to candidates not domiciled in the Island of Montreal.

University Entrance Scholarships in Arts and Science

Three scholarships of the value of $100 each and two of the value of $75.00 each (one of each value open to candidates not residing on Montreal Island) are offered for entrance to the Faculty of Arts and Science, and are awarded on the result of the matriculation examination in June.

Royal Victoria College Entrance Scholarships

Two scholarships, open to women only and conditional on residence in the Royal Victoria College, are offered each year, one of the value of $200 and one of $100. These are awarded on the result of the matriculation examination.

The Hon. Robert Jones Scholarship

THE HON. ROBERT JONES SCHOLARSHIP, valued at $125 per annum, "is granted from time to time to some poor student for the full term of study in the Faculty of Arts and Science or Engineering."

Application for this scholarship should be made through the Dean of the Faculty of Arts and Science or Engineering, as the case may be. The scholarship is not continued if the standing of the holder proves to be unsatisfactory.

The Robert Bruce Bursaries and Scholarships

One bursary of $100, is open each year to "young men and women of promising abilities but of straitened circumstances in Arts and Science or Engineering."

One scholarship of $100 for one year is awarded for high standing in the June Junior Matriculation Examination.

The second Scholarship is awarded on the result of the First Year Examinations in Arts and Science.

In 1932-33 a fourth Scholarship or bursary will be available.
For the first twenty-five years students of Scottish extraction will be given the preference.

The Lord Atholstan Scholarship

1. This scholarship, of the value of $1,000, has been given by Right Honourable Lord Atholstan for competition among the pupils of Huntingdon Academy who have taken their full high school course of study in that institution. It is awarded to the pupil in this category who obtains the highest standing at the June Matriculation Examination and attends McGill University as a full undergraduate during the subsequent session.

2. The holder will receive $250 per year for four years, but the scholarship will be forfeited at any stage through failure to satisfy the regulations of the University regarding advancement from year to year. The annual amount will be paid in four equal instalments.

The Edith Silver Memorial Scholarship

1. This scholarship of $100 founded by The Delta Phi Epsilon Sorority, is awarded on the result of the June University Matriculation Examination or the High School Leaving Examination of the Province of Quebec covering the subjects required for admission to the Faculty of Arts and Science.

2. It is open to women students who obtain over 70% of the total marks possible and is awarded to the applicant who stands highest in this division and needs assistance to undertake the course.

The Isabella C. MacRae Scholarship

This scholarship is open to residents of Maxville, Ont., who have satisfied the requirements for entrance to McGill University. Should there be no applicants from this locality for six years, the scholarship will be open to any resident in Ontario.

The Christie Storer Chapter Scholarship

A scholarship of the value of $150.00 is given by the above-named Chapter of the I.O.D.E., to the pupil of St. Lambert High School who stands highest in the June Matriculation Examination each year.

Canadian Pacific Railway Scholarships

Scholarships covering one year's tuition in the Faculty of Arts and Science and four in the Faculty of Engineering or five years in the School of Architecture are awarded annually by the Canadian Pacific Railway Company. These are open for competition to apprentices and other employees of the Company under twenty-one years of age, as well as to minor sons of employees, and the award is made on the result of the Junior Matriculation Examination in June. For full particulars as to number of scholarships available, etc., application should be made to F. J. Curtis, Esq., Staff Registrar and Secretary, Pension Department, C.P.R. Offices, Montreal. Applications must reach the Registrar's office before May 15th.

The Beatty Scholarships

Two scholarships, of the value of $600 each, have been founded by Dr. E. W. Beatty, Chancellor of the University. The scholarships are payable at the rate of $150 per annum for four years, and are tenable only in the Faculty of Arts and Science, one by students pursuing a course in Honour Classics (Greek and Latin), the other by students studying Honour Mathematics or Honour Mathematics and Physics, throughout four years. The award is made on the standing of the candidates in the Matriculation Examination, and a special examination in June. This special examination is, in the case of Classics, in the form of two papers on prose and sight work and, in the case of Mathematics, of a special three-hour paper on topics of Algebra, Geometry and Trigonometry of the standard of Intermediate Mathematics. (See page 85.)

Applications must be received before May 15th.

These scholarships are open only to male students, educated in Canadian schools, whose parents are British or Canadian born.

The holder of the scholarship must read for Honours in the subject in which he won the scholarship.

Affiliated Theological College Scholarships

THE UNITED THEOLOGICAL COLLEGE SCHOLARSHIPS.—The Board of Governors of the United Theological College offers scholarships for the payment of fees of undergraduates in Arts and Science who are registered at this College as in training for the study of theology with a view to the Christian Ministry and who have passed with credit the sessional examinations. For particulars, application should be made to the Principal, 3506 University Street, Montreal.

PRESBYTERIAN COLLEGE SCHOLARSHIP.—The Board of Management of the Presbyterian College offers a number of scholarships for the payment of fees of undergraduates in Arts and Science who are registered at the Presbyterian College as in training for the study of theology with a view to the Ministry and who have creditably passed the sessional examinations. For further particulars, application should be made to the Principal, the Presbyterian College, Montreal.

FEES

I. TUITION FEES

1. Lecture Fees

Faculty or School	*British Students*		*Non-British Students*	
Arts and Science	$165.00		$215.00	
Engineering	225.00		275.00	
Medicine	275.00		350.00	
Dentistry	250.00		300.00	
Law	225.00		275.00	
Commerce	225.00		275.00	
Graduate Faculty	100.00	125.00*	150.00	175.00*
School of Physical Education	200.00		250.00	
School for Graduate Nurses	150.00		200.00	

*The higher fee if laboratory courses are taken.

2. Laboratory Fees

(These are charged only in the Faculty of Arts and Science and the School of Commerce.)

For British Students $7.00 per hour per week.

For Non-British Students $8.00 per hour per week.

Maximum laboratory fee $60.00.

3. Partial Students and Limited Undergraduates.

Faculty or School	*Rate per hour per week of lectures*
Arts and Science	$15.00
Commerce	20.00
Engineering	20.00
Graduate Nurses	14.00

Non-British students pay $10.00 per course or half-course additional to above rates.

The total tuition fee charged will in no case exceed the full undergraduate tuition fee.

4. Payment by Instalments

All fees may be paid in two instalments, one at the beginning of the session and one in January. In such cases the fees stated above are increased by amounts varying between $2 and $5.

5. Dates of Payment

Fees are due and payable at the Bursar's office at the beginning of the session in September or October, and the second instalment is payable in January. For exact dates see the announcements of the separate faculties.

II. OTHER UNIVERSITY FEES

1. Registration (British)	$5.00
Registration (Non-British)	10.00
Late Registration (first week) extra	5.00
Late Registration (second week) extra	10.00
Health Fee (annual)	5.00
Graduation Diploma (British)	10.00
Graduation Diploma (Non-British)	15.00
Graduation in absentia	20.00
Duplicate Diploma	10.00
Certified copy of student's record	1.00
Fines for late medical examination (see page 105)	5.00 or 10.00
Supplemental Examinations, each paper	10.00

The Registration Fee is paid once only—when the student first enters the university.

2. Caution Money

Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the session.

III. STUDENT ACTIVITIES

1. A Sessional fee of $17.00* is payable by all men undergraduates and $11.00† by all women undergraduates, for the support of student organizations, for the rinks and tennis courts, and for admission to all home games under the control of the Athletic Board.

*$18.00 in the case of the Faculty of Medicine.

†$12.00 in the case of the Faculty of Medicine.

2. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 1 as are open to them, an additional $9.50 is charged for men students and $8.00 for women students.

Note: 1. All fees are payable in Canadian Currency.

2. Further details are given in the separate announcements of the Faculties and Schools.

STUDENTS' EXPENSES

1. Board and Residence.

For Men

No college residences have as yet been built for men students, but dormitory accommodation for about sixty is provided in Strathcona Hall, the home of the Student Christian Association of McGill University. Full particulars may be obtained from the Secretary of the Association, 772 Sherbrooke Street West, Montreal, who will also make arrangements to have students who are strangers to Montreal met on arrival and helped to secure lodgings, if due notice is sent of the station and time of arrival.

Before the opening of the session each year a list of Approved Lodgings, which have been inspected by a representative of the University, is issued by the Lodgings Committee. This list, which gives details of rooms, meals, prices, etc., may be consulted in the Registrar's Office, the Students' Union, Strathcona Hall, and other University Buildings. The list is not sent by mail.

Board and lodging for men may also be obtained in the Diocesan College, the United Theological College, and the Presbyterian College, which are theological colleges affiliated with the University.

Board is furnished in the McGill Union at low rates. The dining room accommodates over 120 students, whilst there is also a lunch counter where meals are served *à la carte*.

The cost of board and lodging in approved rooms varies from $45 to $60 per month. Separately good board costs from $30, and a room from $20 upwards per month.

For Women.

See Royal Victoria College, page 528.

2. Approximate Total Cost Per Year. (For a Canadian Undergraduate in the Faculty of Arts and Science.)

In all years the session extends approximately from October 1st to May 15th. At the end of their final year students usually remain for Convocation, which takes place about the 29th of May.

	Minimum	Moderate
Tuition Fees	$165	$165
Other University Fees (average)	9	9
Athletics, Union, etc.	17	17
Board and lodging	300	400
Books, apparatus and Laboratory Fees	49	59
Total	$540	$650

The tuition fees for non-British students are given on page 101.

Undergraduates in Arts and Science residing in affiliated theological colleges, with a view to a course in theology, are able to obtain board and lodging for less than the minimum shown above, and the expense under the head of "Books" can be reduced by purchasing these second-hand.

In the above estimates no account is taken of personal expenses such as the cost of clothes, laundry, amusements, etc., nor of the caution money deposit of $10.00. (See page 102)

For fees in Medicine, Engineering, and Law, see pages 101, 102.

CLASSES OF STUDENTS

There are four classes of students in the University:—

(1) Graduates—students who have previously obtained a Bachelor's degree at McGill, or elsewhere, and who are now pursuing courses for the Master's degree, or for the degree of Ph.D.

(2) Undergraduates—Students with complete matriculation qualifications taking the regular work of their year towards a degree.

(3) Limited Undergraduates—Students in the Faculty of Arts and Science with complete matriculation qualifications who have been given the permission of the Dean of the Faculty to distribute the four years' work over five or more years (but not more than eight years), on the understanding that the sequence of courses conforms to the regular undergraduate rules and time table.

(4) Partial Students—Students not studying for a degree who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the Heads of the Departments concerned that they have sufficient ability to do the work of the courses they desire to take. A student who has failed to matriculate in any subject is not allowed to register as a partial student.

APPLICATION FOR ADMISSION

Application forms for all years in the Faculty of Arts and Science, and for the First Years in Engineering and Medicine may be obtained from the Registrar's Office. Application for admission to other faculties or years should in the first instance be made to the Registrar.

ADMISSION FROM OTHER UNIVERSITIES

A student of another university applying for exemption from any subject or subjects which he has already studied is required to submit with his application a Calendar of the University in which he has previously studied, together with a complete statement of the course he has followed and a certificate of the standing gained therein.

MEDICAL EXAMINATION

In order to promote as far as possible the physical welfare of the student body, men students of the First and Second Years, and women students of the First and Third Years, in every faculty, and all students coming to the University for the first time, are required to be medically examined. The hours of such examination are announced at the beginning of the session. Any student who has failed to comply with this regulation before the 1st of November will be find $5.00. Any student who has failed to comply before the 8th of November will be fined an additional $5.00. Any student who has failed to comply before the 15th of November will be suspended. Re-examinations are held frequently throughout the session for those students who are of low category, or who are suffering from physical disability.

Students of all years, who wish to engage in athletic activities, are also required to be medically examined.

VACCINATION

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years. Failing this, students must be vaccinated at once in a manner satisfactory to the medical examiner.

The penalties for non-compliance with this regulation are those stated above for the medical examination.

HEALTH

Provision is made by the Department of Physical Education for the care of the health of undergraduates during the session. If a student's admission to Hospital is requisitioned for by the Department, but not otherwise, one-half of all public ward charges is met by the University. A leaflet and handbook concerning this service and the general work of the Department are distributed at the opening of the session.

REGISTRATION AND ATTENDANCE

REGISTRATION

The dates for the registration of students in the different Faculties for the session 1932–33 will be found on page 65.

Women students of the Faculty of Arts and Science after registration, are required to enter in the roll book of the Royal Victoria College their names, home addresses and addresses in Montreal. Students of the College not residing with their parents or guardians in Montreal, and who do not apply for residence in the College, are required to submit their plans for residence in writing to the Warden and to obtain written approval.

Students of all Years above the First are allowed to register after the official registration days only on payment of a fee of $5.00 during the first week of the session, and of $10.00 during the second.

This fee is not refunded, except for satisfactory reasons and by authorization of the Faculty concerned.

After the fifteenth day of the session no student is admitted, except by special permission of the Faculty concerned.

ATTENDANCE

1. Students are required to attend at least seven-eighths of the total number of lectures or laboratory periods in any one course.* In Engineering this regulation is modified by the Faculty in so far as lectures in the Second, Third, and Fourth Years are concerned, the regulations being posted at the beginning of the session. Those whose unexcused absences exceed one-eighth of the total number of lectures in a course in which attendance is compulsory are not permitted to come up for the regular examination in that course, and those whose unexcused absences in such courses have exceeded one-fourth must repeat the course.

Excuses on the ground of illness, domestic affliction, or inevitable accident, are dealt with only by the Deans of the respective Faculties.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean of the Faculty.

---

*Physical education is included under this regulation.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not allowed to enter, except with the permission of the Professor. If permitted to enter, they report themselves at the close of the lecture and are marked "late." Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of the lectures are marked absent.

THE FACULTY OF ARTS AND SCIENCE

The undergraduate work of the University in the Humanities or Arts, in Pure Science, and in Commerce, is done in McGill College, usually called the Faculty of Arts and Science. The Faculty has, for administrative purposes, three divisions, the Arts Division, the Science Division, and the School of Commerce. The Arts and Science divisions have each a Dean, the School of Commerce a Director-Secretary. The Faculty as a whole controls all the undergraduate work in these divisions. The Arts Division supervises the work of all students reading for the degree of Bachelor of Arts (B.A.), the Science Division that of all students reading for the degree of Bachelor of Science (B.Sc.), the School of Commerce that of all students reading for the degree of Bachelor of Commerce (B.Com.). Details of the requirements for the degree of B.Com. are given on pp. 187 to 189.

Women Students.

Women are admitted to the courses and to the degrees of the Faculty on the same terms as men, but in the more elementary courses they are usually taught in separate classes. (See page 526.)

Entrance Requirements.

Students may enter the Faculty as full undergraduates by passing either the Junior or the Senior Matriculation Examinations or equivalent examinations, in the requisite subjects. (See pages 77 to 94.) A student with incomplete matriculation qualifications is not admitted as an undergraduate. The bachelor's degree may be obtained only by students who have regularly attended the prescribed courses for at least four years after satisfying the Junior Matriculation requirements, or for at least three years after satisfying the Senior Matriculation requirements. Such students must also obey the regulations of the Faculty governing undergraduate courses of study.

Classes of Students in the Faculty.

(1) *Undergraduates*: Students with complete matriculation qualifications taking the regular work of their year towards a degree.

(2) *Limited Undergraduates*: Students with complete matriculation qualifications who have been given the permission of the Dean of the Faculty to distribute the four years' work over five or more years (but not more than eight years), on the understanding that the sequence of courses conforms to the regular undergraduate rules and time table.

Limited Undergraduates are not eligible for scholarships, exhibitions, bursaries or prizes of any description and may not read for an Honour Degree.

(3) *Partial Students*: Students not studying for a degree who are allowed to take one or more lecture courses. Partial students must obtain the Dean's permission to register and must satisfy the Heads of the Departments concerned that they have sufficient ability to do the work of the courses they desire to take. A student who has failed to matriculate is not allowed to register as a partial student.

AGE OF ADMISSION

Except under special circumstances, no student under the age of sixteen is admitted to the First Year, or under the age of seventeen to the Second Year.

DEGREES OFFERED

The Faculty of Arts and Science offers courses of study leading to three degrees:

Bachelor of Arts.
Bachelor of Science.
Bachelor of Commerce.

The degrees offered in other faculties are stated on pages 72 to 75.

APPLICATION FOR ADMISSION TO THE FACULTY OF ARTS AND SCIENCE

All applications to enter the Faculty of Arts and Science must be made on forms which may be obtained from the Registrar's office. Completed applications must reach the Registrar before September 10th.

The College is not bound to accept all applicants who have passed the required examinations, and not more than 375 will be admitted into the First Year for the session 1932–33.

ENTRANCE REQUIREMENTS

See page 77 for details.

1. A student may qualify for admission to the First Year of the Faculty of Arts and Science by passing in the required subjects either the Junior Matriculation Examination or one of the Examinations recognized by the University as the equivalent of Junior Matriculation.

2. A student may qualify for admission to the Second Year of the Faculty of Arts and Science by passing in the required subjects either of the Senior Matriculation Examination or one of the Examinations recognized by the University as the equivalent of Senior Matriculation.

3. Full details of these Examinations are given on pp. 77 to 86.

REGISTRATION

Students whose applications (see page 109) have been accepted register in the Arts Building on September 26th, 27th, or 28th, between the hours of 9.30 a.m. and 4.30 p.m.

Upper year students also register in the Arts Building at the same time.

After September 28th all registration is done in the Registrar's Office and a special late registration fee must be paid (see page 102).

No student will be admitted after October 15th except by special permission of the Dean.

Women students of the Faculty, after registration, are required to enter in the roll book of the Royal Victoria College their names, home addresses and addresses in Montreal. Students of the College not residing with their parents or guardians in Montreal, who do not apply for residence in the College, are required to submit their plans for residence in writing to the Warden and to obtain written approval.

ADVISERS

Before he actually registers each student entering the First Year is interviewed by a member of the Committee of the Board of Student Advisers. At this interview the student is given any information or advice that he may need and is assisted in the selection of his courses. At the same time he is assigned to an adviser whom he may consult at any time and should consult at least once a month.

MEDICAL EXAMINATION

See page 105.

GENERAL INFORMATION

ADVANCED COURSES IN THE FIRST YEAR

The Departments giving instruction in the First Year offer special lectures or work of a more advanced character to students with adequate qualifications.

These advanced courses are generally arranged by the Departments when lectures actually commence and there is in such cases no separate registration for them.

GENERAL DEGREES AND HONOUR DEGREES

An undergraduate in the Faculty of Arts and Science may proceed to a General Degree, involving the study of a fairly wide range of subjects with a limited amount of specialization (see page 115) or to an Honour Degree, which after the First Year necessitates almost complete specialization in either one or two subjects (see page 113).

CHANGING COURSES

Students may change the courses for which they have registered provided that the changes do not conflict with the regulations and that the change is made within twenty days of the commencement of the session. **No changes can be made after this period.** Application to change courses must be made to the Registrar's Office.

EXAMINATIONS

The pass mark in all examinations is 50 per cent, and the marks for first and second class standing are 75 per cent and 60 per cent respectively.

INTERIM TESTS AND PROBATION

There are two regular interim tests for all students of the First Year, the first being held near the middle of November and the second during the week preceding the Christmas vacation.

The test is usually the equivalent of a standard examination of one hour.

All students who fail in more than one-third of these tests are placed on probation for the rest of the academic year. A student on probation is not allowed to become a member of a College athletic team, to hold office in any College society, or to take part in any major student activity. A student who fails in one-half or more of these tests is dropped from the University for that year and is not allowed to re-enter the University except with the consent of the Faculty.

MID-SESSIONAL EXAMINATIONS

There are no regular mid-sessional examinations in January except in courses which are given only in the first term, and in these courses the examination may be held in May with the other final examinations

if the Department so desires. Members of the teaching staff may, however, give such interim examinations as they think necessary from time to time.

FINAL EXAMINATIONS

The final examinations are held in May.

SUPPLEMENTAL EXAMINATIONS

The regulations governing supplemental examinations are as follows:—

A student conditioned in a course may remove the condition during the next Calendar session by passing—

(1) the supplemental examination in September following, or,

(2) a special supplemental examination in February following, or,

(3) upon application to the Dean and on payment of the fee prescribed for a special supplemental (always on the understanding that there is no conflict in the time-table), at the sessional examination in May. If by the close of that session the condition has not been removed, the student may take, within the Calendar session next following, *but not thereafter*, one of the three separate examinations as enumerated above, but on the understanding that the fee payable in September or in May shall be the same as that prescribed for a special supplemental. All applications for supplemental examinations must be made to the Dean in writing.

Applications to write supplemental papers in September must reach the Dean's Office before September 1st.

Any student who fails in more than one-half of his subjects in the First Year is refused permission to return to the College. These students are not precluded, however, from entering the Second Year if they pass the full set of examinations required for Senior Matriculation. Any student who fails in one-half or more than one-half of his subjects in the Second, Third and Fourth Years will be obliged to repeat the Year.

The fee for supplemental papers is $5.00 and for special supplementals $10.00 for each paper. A second supplemental examination in any subject is always ranked as a special supplemental. These fees must be enclosed with the written application.

ADVANCEMENT FROM YEAR TO YEAR

Advancement to the Second Year.—A student may proceed to the Second Year with any one full course, or two half courses, unpassed.

Advancement to the Third Year.—A student may proceed to the Third Year with any one full course, or two half courses, unpassed, unless that full course, or one of the two half courses, belongs to the First Year.

Students of good standing, however, who have succeeded in passing all courses required in the Second Year may be allowed by special permission of the Dean to proceed into the Third Year carrying a condition in one full course, or in two half courses, from the First Year

Advancement to the Fourth Year.—A student may proceed to the Fourth Year with any one full course, or two half courses, unpassed, unless that full course, or one of the two half courses, belongs to the First or Second Year of his course.

Repeating a Year.—By special permission of the Dean, a student who is permitted to repeat a Year may, on application:—

(a) Be exempted from attending lectures and passing examinations in the subjects in which he has already passed;

(b) Be permitted to take, in addition to the subjects in which he has failed, one of the subjects of the following year in his course.

N.B.—The choice of subjects must involve no conflict of hours as printed in the time-table.

HONOUR COURSES FOR THE DEGREE OF B.A.

Honour courses may be elected in any two combined cognate departments or in any single department.

The arrangement of combined honour courses is left to the departments interested, and in cases of doubt or disagreement is referred to the Faculty for final decision.

In the Honour courses in combined departments, when the departments are divided into two sections (as **Classics** into Greek and Latin, **Economics** and **Political Science** into Economics and Political Science), the graduate's certificate designates by name the sections in which Honours have been taken (*e.g.*, First Class Honours in Greek and Second Class Honours in Latin); but in Honour courses in combined departments, where the departments are not divided into sections (as English, History, Sociology, etc.), the graduate's certificate indicates that the work done in each of the departments amounts to only half of a full Honour course in that department—*e.g.*, First Class Honours in English (one-half) and History (one-half), or First Class Honours in English (one-half) and Second Class Honours in History (one-half).

Honour courses normally begin in the Second Year. Most departments giving instruction in the First Year, however, offer advanced courses to the better students in that year.

A Second Year General student who shows exceptional merit in any subject in his Second Year examinations may, if he so wishes, and if the Head of the Department is satisfied that his knowledge of the subject is sufficient to enable him to reach the standard of Honours by two

more years' study, be allowed to take up the Honour course in that subject at the beginning of his Third Year.

Honour lecture courses are open to properly qualified general students.

The conditions for entering Honour courses in the Second Year are as follows:—

(a) A student must not have failed in more than one subject at the final spring examinations in the First Year.

(b) The sanction of the Dean and of the Head or Heads of the Departments in which Honours are elected must be obtained.

(c) No student may take Honours in a subject in which he has failed to attain at least second class standing in his First Year.

Honour students who fail to attain second rank honour standing at the end of the Second Year must revert to the General course in their next and following years, unless they obtain special leave to continue their honour work from the department or departments interested.

Honour courses in the Second Year consist of 15 hours and in each of the remaining two years 12 hours, covering lectures, conferences and tutorial classes. The work also involves wide reading and study in the subject, apart from the actual subjects of lectures, in accordance with a definitely prescribed programme.

Attention is drawn to the fact that lectures are not given on all parts of the work.

In the Second Year a student registering for Honours in one subject only, fulfils the requirement of fifteen hours by taking a minimum of two courses or six hours in his Honour subject, and, in addition, such other courses (bringing the total to fifteen hours) as the department under which he is studying may direct. A student registering for combined Honours in two subjects fulfils the requirements of fifteen hours by taking two full courses in each Honour subject, or twelve hours altogether, and, in addition, one other course, making a total of fifteen hours, as the two departments concerned may direct. A student who has failed in any such subject in the Third Year examinations is not allowed to continue his Honour course except with the consent of the Faculty.

Departments are at full liberty to recommend their Honour students to take one or more courses in cognate departments as the equivalent of courses in their own departments.

A student's whole record during his Second, Third and Fourth Years may be considered in awarding Honours at graduation.

Students in Honour courses who fail to attain second rank honours at graduation, or who only succeed in attaining second rank honours in one of two combined courses, must revert to the list of General students.

Honours are awarded by the Faculty on the recommendation of the department or departments in which Honours are elected.

The examinations for Honours are not conducted exclusively by persons who have given the courses.

COURSES FOR THE GENERAL B.A. DEGREE

In each of the First and Second Years five courses must be taken, *i.e.*, fifteen hours of class work per week; and in the Third and Fourth Years respectively, four courses (twelve hours). The third hour in each course each week may be devoted to group conferences.

FIRST YEAR

(*a*) *Compulsory.*

Latin or **Greek.**
English 1 and **2.**
Mathematics.

But in the case of students who have already shown marked aptitude in languages and are permitted to take three languages (exclusive of English), Mathematics is not compulsory.
Physical Education (two hours per week).

(*b*) *Elective.*

Two of the following:—

History.
Greek or **Latin** (if not already taken).
French.
German.
Science (**Physics** or **Chemistry 1** and **1C** or **Chemistry 16** or **Botany 1** or **Zoology 1** or **Natural Science 1**).

For the subjects required to be taken by students who wish to qualify for the First Class High School diploma of the Province of Quebec, see page 136.

Details of the work in each subject are given on pages 121 to 173.

SECOND, THIRD AND FOURTH YEARS

Students must choose two subjects for continued study through the Second, Third and Fourth Years.

These are designated *Continuation Subjects.*

In each of the continuation subjects, a full course or two half courses must be taken each year.

One of the continuation subjects must be selected from Division I below, and one from Division II, or both must be selected from either Division I or Division II.

Division I	Division II	Division III	Division IV
English.	Economics.	Botany.	Education.
French.	History.	Chemistry.	Ancient History.
German.	Mathematics.	Geology.	
Greek.	Philosophy.	Physics.	
Hebrew.	Political Science.	Zoology.	
Latin.	Psychology.		
Chinese.	Sociology.		

Physical Education is compulsory in the Second Year for two hours per week.

Additional courses, or the equivalent number of half courses, must be chosen as follows:—

In the Second Year—Three additional full courses;

In the Third Year—Two additional full courses;

In the Fourth Year—Two additional full courses.

Of the additional courses *one* must be selected from Division III unless the student has already passed in a science subject in the First Year; *one* also must be a modern foreign language, from Division I, unless the student has chosen such a language as a continuation subject, or has passed it in the First Year.

A course intended primarily for First Year students may be counted as a full course in the Second Year.

Only those courses may be chosen for which the student has fulfilled the prerequisites laid down by each department.

Students are responsible for seeing that courses chosen do not conflict as regards hours of lectures or laboratory periods.

All students are required to consult one of the Departments in which they are doing continuation work on the selection of these additional subjects.

Students who are pursuing a double course in Arts and Science and Divinity (six years at least) may take in the Third and Fourth Years the courses which constitute the ordinary curriculum in Arts and Science, less a half course in each of these Years, or a whole course in either.

DISTINCTION IN THE GENERAL DEGREE

A student of sufficient merit who has completed the work for a general degree may be awarded either Distinction or Great Distinction at graduation.

These awards are based upon the student's record during his Second, Third and Fourth Years, and at least an average first class standing is required for Great Distinction and an average high second class standing for Distinction.

LIST OF COURSES AND PREREQUISITES

SECOND YEAR		THIRD YEAR		FOURTH YEAR	
COURSE	PREREQUISITE	COURSE	PREREQUISITE	COURSE	PREREQUISITE
DIVISION 1.					
English, 3, 4, 6, 7, 15	1 and 2				
French, 2	1	4, 5	2	6, 7	2
German, 5, 6..	1 or 2	8, 9, 10, 11 12, 13	5 or 7	8, 9, 10, 11 12 13	5 or 7
4	3				
Greek 1b	1a				
2	2	5, 5	2 or 4	5, 6	2 or 4
Hebrew 1		2, 3, 4, 6	1	3, 4, 6	1
		2, 3, 6	Greek 1	2, 3, 6	Greek 1
		7, 8		7, 8	
Latin 2	1	3, 4	2	3, 4	2
DIVISION II.					
Economics 1		3, 4, 5	1 or 2	9, 11, 12, 13, 14, 15, 16, 17	1 or 2
		6, 7, 8			
History 2, 3.	1	3, 4, 5	A 2nd Year Course	4, 5, 6	Any 3rd Yr. Course
Mathematics 2, 3, 4, 5	1	2, 3, 4, 5	1	2, 3, 4, 5	1
		6, 7, 8	3 and 4	6, 7, 8	3 and 4
				9	8
Philosophy 1		2, 3, 4	1	5, 6, 7, 8, 9	1 and 2 or 3 or 4
Political Science 2		3, 4, 5, 8	1 or 2	10, 11, 12 13, 14	1 or 2
Psychology 1		2, 3, 4, etc.	1	2, 3, 4, 5, 9, etc.	1
Sociology 1		2, 3, 4, 7	1	2, 4, 5, 6, 7, 8, 9, 11, 12, 13	1
DIVISION III.					
Botany 2	1	3	1, or Zool. 1	6, 7	2
3	1, or Zool. 1	4	3	7	2
Chemistry 2	1 and 1c	2	1 and 1c	2	1 and 1c
3	1 and 1c	3	1 and 1c	3	1 and 1c
Geology		2, 3, 4, 12	1	2, 3, 4, 12	1
Physics 3	2 (and Math. 1)	3, 4	2 (and Math. 1)	3, 4	2 (and Math. 1)
		5, 6	3, 4 (and Math. 3)	5, 6	3, 4, (and Math. 3)
				7, 8	5, 6a (and Math. 7)
Zoology 2-4	1	2-5, 7	1	2-5, 7	1
DIVISION IV.					
Education				2	1

THE B.Sc. DEGREE

An undergraduate may read for either a General or an Honour B.Sc. degree, but the distinction between a General and an Honour student is not made until the Second Year, so that there is one normal First Year curriculum. Special advanced courses in the First Year are, however, offered by most departments to prospective honour students.

In any year a specially qualified student may be allowed upon the recommendation of the department concerned, to substitute a more advanced course for any of those listed.

FIRST YEAR

GENERAL AND HONOURS

English 1 and **2**.
***French 15** or **German 3**.
Mathematics 1.
Physics 1.
Chemistry 1 and **1C**.
†**Natural Science 1**.

GENERAL AND HONOUR DEGREES

The general B.Sc. courses are intended to give a broad training in science and scientific method. For professional scientific work an honour degree is usually an essential preliminary.

A student desiring advice or guidance in his choice between the two degrees should consult the Dean of Science.

THE GENERAL B.Sc. CURRICULUM

SECOND YEAR

Five subjects are required. Three of these must be selected from Group I below. French 15 and German 4 (a combined course) is compulsory, unless the student is exempted from either or both by the departments concerned. One other Arts subject must be taken.

---

*German must be taken by any student who has not matriculated in German, and French by any student who has not matriculated in French.

†In special cases a qualified student may be granted permission to substitute for Natural Science 1 either Botany 1, Geology 1, Physiology 1. or Zoology 1.

THIRD AND FOURTH YEARS

In each year a minimum of four **subjects** and five **courses** is required. Two subjects selected from Group I below must be continued through the Third and Fourth Years.

One non-continuation subject must be chosen from Group III, the others may be chosen from either Groups II or III.

GROUP I (Continuation Subjects).

SUBJECT	SECOND YEAR	THIRD YEAR	FOURTH YEAR
Biochemistry	see below	1 and 1A*.	2 and 2A*.
		or or	or or
Botany.	1 (and 2).	2 and 3 and 4.	4 and 5 and 6.
Chemistry.	2 or 3, and 4.	2 or 3, and 9.	5, or 6 and 8.
Geology.	1 (and 5 and 6)	2 to 13 (2 courses).	2 to 13 (2 courses).
		or	
Mathematics.	2.	3 or 4 and 5.	3 or 4.
Physics.	2.	3A, 3B, 4.	8A, 9, 5A.
Physiology.	1.	1, or 2 and 3.	2 and 3, or 4.
Zoology.	1.	2 or 3.	2 or 3 or 4.

Biochemistry—if taken as a continuation subject in the Third Year, Chemistry 2 and if possible Zoology 1 must be taken in the Second Year.

Students who are qualified to do so may take more advanced courses than those set out above.

A student selecting Physics as a continuation subject must also select Mathematics in the first three years.

A student in the fourth year may be allowed to drop one of his continuation subjects and to take an equivalent amount of work in the other continuation subject.

GROUP II (Non-Continuation Subjects).

SUBJECT	COURSES
Anatomy.	1, 2, 3.
Biochemistry.	1 and 1A, 2 and 2A.
Botany.	1, 2, 3, 4, 5, 6.
Chemistry.	2, 3, 4, 5, 6, 8, 9.
Geology.	1 to 13.
Histology and Embryology.	1, 3, 4, 5.
Mathematics.	2, 3, 4, 5.
Physics.	2P, 2, 3A, 3B, 4, 5A, 8A, 9.
Physiology.	1, 2, 3, 4.
Zoology.	1, 2, 3, 4.

*These courses should be commenced about the middle of September, when the Medical Session opens, if possible.

GROUP III (Arts Subjects).

Economics and Political Science.
Education.
English.
French.
German.
History.
Philosophy.
Psychology.
Sociology.

(List of courses and prerequisites is given on page 117).

In selecting courses students should consult the departments concerned.

THE HONOUR B.Sc. DEGREE

Only students who have reached a high standard in the work of the first year are permitted to read for honours.

A student who proposes to read for honours in Botany, Chemistry, Geology, Mathematics, or Mathematics and Physics, must obtain the permission of the head of the relevant department at the beginning of his second year.

A student proposing to read for honours in Bacteriology, Biochemistry, Physiology, or Zoology need not decide between these subjects until later but at the beginning of his second and third years must obtain the consent of the Dean of Science to read for honours.

Honour students must have their courses approved by the heads of their departments and the Dean of Science before they register each year.

ENGINEERING PHYSICS

This course is open to Arts and Science students who have completed two years of the work towards an honour degree in Mathematics and Physics and have done sufficiently well. For details consult the heads of the departments of Physics and Electrical Engineering.

CONCERNING STUDENTS WHO INTEND TO PROCEED INTO THE PROFESSIONAL FACULTIES

The Faculty of Arts and Science assumes no responsibility for arranging or directing courses of study for students intending, at the end of their First, Second or Third Year, to enter one of the other Faculties.

Such students are advised, before registering for the first time in the Faculty of Arts and Science, to acquaint themselves with the entrance requirements laid down by these other Faculties. (*See pages 72 to 75.*) They must consider the fulfilment of these requirements as only incidental to their work in Arts and Science; and they must follow the regulations of the curriculum as though they were proceeding to a degree in the Faculty of Arts and Science.

All undergraduate students in the Faculty must register for one of the Bachelor's degrees offered, viz: B.A., B.Sc., or B.Com. Students

who have successfully completed the First Year leading to the degree of B.A., or B.Sc. may apply for admission into the Faculty of Engineering, provided they have completed the course in English, Mathematics, Physics, Chemistry, and one other subject. Students who have successfully completed the first two years towards the B.Sc. degree or the first three years towards either the B.A. or the B.Sc. degree may apply for admission into the Faculty of Medicine or of Dentistry, provided they have successfully followed for one year the regular course in each of the following subjects:—Physics, Inorganic Chemistry, Organic Chemistry, and Biology. A minimum of two years in the Faculty of Arts and Science is required for admission into the Faculty of Law.

Students completing three years in Arts and Science and two years in Medicine are entitled to apply to the Faculty of Arts and Science for the degree of B.Sc.

COURSES OF LECTURES IN ARTS AND SCIENCE

The hours of all General lectures and most of the Honour lectures are indicated. In the case of the other Honour lectures the hours are arranged by the several departments at the opening of the session.

DEPARTMENT OF ANATOMY

ROBERT REFORD PROFESSOR OF ANATOMY:—S. E. WHITNALL.

ASSOCIATE PROFESSOR:—J. BEATTIE.

Before registering for the courses below students should consult the head of the department to ensure that they are qualified to undertake the Work.

1. **Comparative Anatomy of the Primates.** Third or Fourth Year.
   The class work includes the dissection of at least one primate. Times to be arranged. Professor Beattie.

2. **Comparative Neurology.**
   The problems of neurological development treated both phylogenetically and embryologically. The relation between physical structure and behaviour. The course is mainly a laboratory one and students are expected to provide their own microscopes and dissecting instruments.
   1 lecture and 6 laboratory hours throughout the session.
   Professor Beattie.

GRADUATE COURSES

See page 416.

DEPARTMENT OF BACTERIOLOGY & IMMUNOLOGY

PROFESSOR:—E. G. D. MURRAY.

LECTURERS:—W. W. BEATTIE. FREDERICK SMITH.

DEMONSTRATOR:—D. H. STARKEY.

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

Course 1. Elementary Medical Bacteriology and Immunity. Thirty lectures and 90 hours' practical work, and a weekly Tutorial Class. First Term.

Course 2. Bacteriology and Immunity *for Honours B.Sc.* (daily throughout the year; available only for Honours students in their Fourth year).

A. **General Bacteriology.**
Thirty-five lectures and 175 hours practical work.

B. **Systematic Bacteriology.**
Sixty-five lectures and 325 hours practical work.

C. **Immunology.**
Fifty lectures and 250 hours practical work.

(Full details of the courses can be obtained by application to the Registrar.)

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years. The following subjects are suggested as suitable for the average student.

Second year:—General Zoology; Organic Chemistry; Histology; Elementary Physical Chemistry; Elementary Physiology; Colloid Chemistry.

Third year:—Biochemistry; Physiology; Elementary Medical Bacteriology; General and Plant Physiology (Dr. Scarth). In addition Pharmacology and Comparative Anatomy of Vertebrates are optional.

Fourth year:—Bacteriology Course 2.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 2, Section C.

GRADUATE COURSES

See page 418.

DEPARTMENT OF BIOCHEMISTRY

PROFESSOR:—J. B. COLLIP.
ASSISTANT PROFESSOR:—D. L. THOMSON.
DEMONSTRATORS:————————.
ASSISTANT DEMONSTRATOR:—E. H. BENSLEY.

1. General Physiological Chemistry:

(*a*) Lectures: Monday, Wednesday, Friday at 9.

(*b*) Laboratory: 8 hours a week, on Monday, Wednesday and Friday mornings.

Text-books:—Bodansky, "Introduction to Physiological Chemistry." Cameron, "Text-book of Biochemistry."

NOTE:—This course is given from October to February. Students are required to have some previous knowledge of Chemistry and Biology.

2. Endocrinology:

(*a*) Lectures: Monday, Friday at 2.

(*b*) Laboratory: Monday and Friday afternoons, February to April.

NOTE:—Students should have taken, or should take concurrently with this Course 1 (above).

Advanced Course:

Lectures and advanced laboratory work are offered to students who have completed the above general course or its equivalent.

Text-books:—Lusk, "Science of Nutrition"; Pryde, "Recent Advances in Biochemistry"; Peters and van Slyke, "Quantitative Clinical Chemistry"; Hawk & Bergeim, "Practical Physiological Chemistry."

GRADUATE COURSES

See page 420.

HONOUR COURSE IN BIOCHEMISTRY

First Year

First year B.Sc.

Second Year

Zoology I,
Chemistry 2 and 4,
Histology 1 and 2,
Physiology 1.

Third Year

Biochemistry 1 (a) and (b),
Physiology 2 and 3,
Botany 4 (General and Plant Physiology),
Bacteriology 2A,
Pharmacology.

Fourth Year

Biochemistry 2 and laboratory work.

A student presenting special qualifications desiring to do Biochemistry 4th year, will be considered on his merits. For the award of the Honour B.Sc. Degree the student will be required to pass a general examination in Biochemistry in his 4th year.

DEPARTMENT OF BOTANY

PROFESSORS:—{FRANCIS ERNEST LLOYD. GEORGE W. SCARTH.

ASSOCIATE PROFESSOR:—C. LEONARD HUSKINS.

LECTURER:—R. D. GIBBS.

INSTRUCTOR:—JANE D. SPIER

DEMONSTRATOR:—J. H. WHYTE.

Natural Science I.

A conjoint course in Botany, Zoology and Geology. Lectures Mon. Wed., Fri. at 12.

The Staff.

1. General Botany.
Tu., Th. at 9; laboratory Mon., Fri. 3-5.

Mr. Gibbs et al.

2. Heredity and Evolution.
Mon., Wed., Fri. at 9; laboratory Wed. 10-11.

Prof. Huskins.

3. Plant Morphology and Taxonomy.
Mon., Wed., at 11; 4 laboratory hours to be arranged.

Prof. Scarth, Miss Spier and Mr. Whyte.

4A. General Physiology.
First term: Tu., Th. at 2; laboratory Tu., Th., 3-5.

Prof. Scarth and Mr. Whyte.

4B. Plant Physiology.
Second term: Tu., Th. at 2; laboratory Tu., Th. 3-5.

Prof. Scarth and Mr. Gibbs.

5. Cytology and Microtechnique.
Mon., Fri. at 12; laboratory Th., Fri. 3-5.
Prof. Huskins and Miss Spier.

6. Plant Biochemistry.
Tu., Th. at 11; 4 laboratory hours to be arranged.
Mr. Gibbs.

7. Mycology and Plant Pathology.
Prof. Coulson and Dr. Newton (Macdonald College).

8. Advanced Genetics and Cytology (with Macdonald College). Three hours, Wed. 2-5. Prof. Huskins and members of Macdonald College staff.

HONOUR COURSE IN BOTANY

First Year, B.Sc.: As for ordinary B.Sc.

First Year, B.A.: As for ordinary B.A. Natural Science I should be included.

Second Year: Botany I.

Third Year: Botany 2, Botany 3 and Botany 4A & B.

Fourth Year: Botany 5, Botany 6 and Botany 7.

The year and order in which courses are taken may be modified to suit individual requirements.

Other courses recommended, to be selected with the advice of the Department:—

Zoology 1: (should be taken in all save exceptional cases).
Zoology 2, 3, 4 and 5.
Mathematics: (one or more courses).
Chemistry 2. (Prereq. for Plant Biochemistry).
Chemistry 4.
Physics 2P.
German 3, German 4 and French 15.
Physiology 1.
Botany 8.

Honour students must acquire a reading knowledge of scientific French and German. For Genetics and Plant Physiology an elementary knowledge of statistical methods is advised. For Plant Physiology the courses in Physics & Chemistry are desirable.

HONOUR COURSE IN BOTANY AND ZOOLOGY

First Year: As in Honour Botany.
Second Year: Botany 1; Zoology 1.
Third Year: Botany two courses; Zoology two courses.
Fourth Year: Botany two courses; Zoology two courses.
Other courses as for Honors in Botany.

GRADUATE COURSES

See page 421.

DEPARTMENT OF CHEMISTRY

DIRECTOR AND MACDONALD PROFESSOR OF INORGANIC CHEMISTRY:—F. M. G. JOHNSON.

MACDONALD PROFESSOR OF PHYSICAL CHEMISTRY:—O. MAASS.

PROFESSOR OF ORGANIC CHEMISTRY:— ————————.

PROFESSOR OF INDUSTRIAL AND CELLULOSE CHEMISTRY:—HAROLD HIBBERT.

PROFESSOR:—N. N. EVANS.

ASSOCIATE PROFESSOR:—W. H. HATCHER.

ASSISTANT PROFESSORS:—C. F. H. ALLEN. E. W. R. STEACIE. J. H. MENNIE.

LECTURERS:—W. H. BARNES. J. B. PHILLIPS

LECTURE ASSISTANT:—A. E. CANTON.

(Unless otherwise arranged, all lectures and laboratory courses are given in the Chemistry Building.)

1. General Chemistry.

1. Lectures, Mon., Wed., Fri.
Section A.—Professor Hatcher at 10.
Section B.—Professor Evans at 2.

Text-books:—Schlesinger—General Chemistry; Macpherson and Henderson, General Chemistry.

1C.—Gen. Chem. Laboratory, Tu. or Th., 2-5.
Dr. Barnes and Demonstrators.

Text:—Laboratory Exercises in General Chemistry, Evans, Hatcher and Steacie.

NOTE.—1 and 1C must be taken concurrently.

2. **Organic Chemistry** (No. 56 Fac. Eng.).
Tu., Th., Sat., at 11. Professor Hatcher.
Laboratory, three hours, Mon. or Tu. 2–5.
Professor Hatcher and Demonstrators.
Text-book:—Porter, the Carbon Compounds.

NOTE:—Physics 1 or equivalent is prerequisite to this course. Students who have not taken Chemistry 4 or its equivalent are recommended to take it concurrently.

3. **Analytical Chemistry.**
(*a*) QUALITATIVE ANALYSIS.
First term; two hours lectures, six hours laboratory, Mon., Wed. 2–5. Professor Evans and Demonstrators.

Students who can do so are recommended to take this course with the students in Engineering in September (Eng. 54 and 55). This is particularly recommended to students who intend to take 3b1.

Text-books:—W. A. Noyes, Qualitative Analysis; N. N. Evans. Notes on the Theory of Qualitative Analysis.

(*b*) QUANTITATIVE ANALYSIS.
(1) First term: one lecture, nine hours laboratory; second term, twelve hours laboratory.
This course must be taken by all B.Sc. honour students and all others who intend to take Chem. 8 (1).
(2) Second term only: one lecture and twelve hours laboratory.
Professor Mennie and Demonstrators.

4. **Elementary Physical Chemistry** (No. 58 Fac. Eng.).
Mon., Fri., at 12.....Professor Steacie.
Text-book:—Maass and Steacie, Introduction to the Principles of Physical Chemistry.

*5. **Organic Chemistry (Advanced).** (No. 65 Fac. Eng.).
Tu., Th., Sat., at 12. Twelve hours laboratory.
Professor Allen and Demonstrators.

5A. **Organic Qualitative Analysis** (No. 65A Fac. Eng.).
One laboratory period a week throughout the session.
Professor Allen and Demonstrators.
Text-book:—Kamm, Qualitative Organic Analysis.

*6. **Inorganic Chemistry (Advanced)** (No. 72 Fac. Eng.).
Tu., Th., at 10.....Professor Johnson.
Text-book:—Caven and Lander, Systematic Inorganic Chemistry.

---

*Courses for Graduates and Honour Students.

*7. **Physical Chemistry (Advanced)** (No. 66 Fac. Eng.).
Wed. at 10, Thurs. at 11, Fri. at 9.....Professor Maass.
Text-book:—Nernst, Theoretical Chemistry.

*7A. **Physical and Colloid Chemistry Laboratory** (No. 66A Fac. Eng.).
Nine hours.....Professors Maass, Steacie and Demonstrators.
Text-book:—Findlay's Practical Physical Chemistry.

8. **Quantitative Analysis (Advanced).**
*(1) One lecture, twelve hours laboratory throughout the year. (No. 67 Fac. Eng.).
Prerequisite Chem. 3b1.

(2) First term: one lecture, twelve hours laboratory.
Second term: twelve hours laboratory.
Laboratory work of this course is a continuation of Chem. 3b2.
Professor Mennie and Demonstrators.

9. **Historical Chemistry** (No. 74 Fac. Eng.).
Second term; one hour.....Dr. Barnes.
Text-book:—Venable, 1922 ed., History of Chemistry.

11. **Electro-Chemistry** (No. 70 Fac. Eng.).
First term: Mon., Tu., at 9.....Professor Mennie.
Text-book:—Creighton and Fink, Electro Chemistry.

13. **Industrial Inorganic Chemistry** (No. 68 Fac. Eng.).
First term; Mon., Fri., at 10. Prerequisite Chem. 1 and 2.
Dr. J. B. Phillips.

14. **Industrial Organic Chemistry** (No. 69 Fac. Eng.).
Second term; Mon., Fri., at 10. Prerequisite Chem. 1 and 2.
Dr. J. B. Phillips.

*15. **Colloid Chemistry** (No. 75 Fac. Eng.).
Tu., Thur., at 11.....Professor Steacie.
Text-book:—Kruyt, "Colloids."

16. **The Chemistry of Daily Life.**
Tu., Th., at 9.....Professor Hatcher.
Open to B.A. students without laboratory; also to Graduate Nurses, with three hours laboratory to Feb. 28th; and to students in the School of Physical Education.

---

*Courses for Graduates and Honour Students.

B.Sc. Honour Courses in Chemistry

Each student must have his courses approved by the Department of Chemistry and the Dean of Science at the beginning of each session. These courses begin with the Second Year.

Prerequisites: At least second class standing in Chemistry 1 and 1C; Mathematics 1 and Physics 1 *or* 2.

Second year: Chemistry 3a, 3b1, 4; German 4 and French 15, Mathematics 3; Physics 3a.

Third Year: Chemistry 2, 6, 7, 7a, 8, 9 (optional).

Fourth Year: Chemistry 5, 11, 13, 14, 15, and research.

The above courses may be altered with the consent of the Department of Chemistry and the approval of the Dean of Science.

Honour Courses in Chemistry and Biology

Prerequisites: French 15; German 1 *or* 3; Physics 1.

Second Year: Chemistry 1 and 1C; Botany 1; Zoology 1; French 15 and German 4.

Third Year: Either Physics 2 *or* French 4 *or* German 7 and Chemistry 2, 3 (a); Zoology 2 *or* 3; Botany 3 *or* 4A and 4B.

Fourth Year: A full course in Physics *or* Biology *or* advanced Chemistry and Chemistry 3 (b), 15; Zoology 2 *or* 3; Botany 6.

GRADUATE COURSES

See page 425.

DEPARTMENT OF CHINESE STUDIES

Professor:—Kiang Kang-hu.

The Gest Chinese Library is considered to be one of the finest of its kind in the world and offers excellent opportunities for study and research.

1. **The Geography, History, Political and Social Institutions of China** (given in 1932-33).
   Mon., Wed., Fri., at 3.....Professor Kiang Kang-hu.

2. **Chinese Religions, Philosophies, Literature and Art** (given in 1933-34).
   Mon., Wed., Fri., at 3.....Professor Kiang Kang-hu.

Courses 1 and 2 are intended to give a general and scholarly introduction to Chinese civilization. The lectures are given in English and no previous study of Chinese is necessary. The courses are given in alternate years.

3. The Chinese Language.

An introductory course in written and spoken Chinese. (1) The fundamental rules in building and writing characters with the brush; an analytical study of radicals and phonetics. A modern Chinese reader with about 1,000 well selected words is used as a first step to a workable reading knowledge of contemporary and classic literatures. (2) Kuo Yü, the National Language (formerly known as Mandarin); conversation and readings; the new "alphabets" and the standardized Romanization method are used as keys to correct pronunciation.

Tu., Thur., at 3.....Professor Kiang Kang-hu.

4. Research Problems.

Special topics for properly qualified advanced students in any branch of Chinese studies may be arranged including selected readings in the Gest Chinese Research Library, essays and reports.

Hours to be arranged.

GRADUATE COURSES

See page 431.

DEPARTMENT OF CLASSICS

PROFESSOR:—W. D. WOODHEAD.

PROFESSOR OF GREEK:— ————————.

PROFESSOR OF CLASSICAL PHILOLOGY:—CLIVE H. CARRUTHERS.

ASSOCIATE PROFESSOR:—ALEXANDER M. THOMPSON.

LECTURERS:—{PAUL F. MCCULLAGH, E. M. COUNSELL}

Greek

All students taking Honours in Greek are expected to provide themselves with a grammar, a Greek-English dictionary, a classical dictionary, and an atlas of ancient geography. The following are recommended: Goodwin's Greek Grammar (Ginn & Co.); Liddell and Scott's Greek Lexicon (abridged or intermediate); Kiepert's Atlas Antiquus (Williams and Norgate); Smith's Smaller Classical Dictionary (Everyman Series, Dent).

1A. Beginners' Greek. First Year.

Tu., Th., Sat., at 10.....Mr. McCullagh.

Text-books:—Colson's Greek Reader (Macmillan); White, First Greek Book (Ginn & Co.); Essays; Selected readings of Greek authors in translation.

1B. Greek. First and Second Years.

Mon., Wed., Fri., at 11.....Mr. McCullagh.
Colson's Greek Reader, selections; Lysias, selections (Lysias, Orations xvi, Shuckburgh, Macmillan); Homer, Iliad vi (Leaf and Bryfield, Macmillan); Odyssey vi (Edwards, Cambridge University Press); Prose Composition (White's First Greek Book); Sight Translation.

2. Greek. Second Year.

Tu., Th., Sat., at 10.....Professor Carruthers.
Plato, Apology (Adam, Cambridge University Press); Homer, Odyssey IX (Edwards, Cambridge University Press); Euripides, Alcestis (Blakeney, Bell's Illustrated Classics); Translation at sight (Jerram, Anglice Reddenda, Second Series, Oxford University Press).

3. Greek. Third and Fourth Years.

Tu., Th., Sat., at 11.....Professor Thompson.
Herodotus, Selections (Barbour, Ginn and Co.); Xenophon, Oeconomicus, (Sewell, Cambridge University Press). Aristophanes, Clouds (Merry, Clarendon Press); Translation at sight (Fowler, Sportella).

HONOUR COURSES IN GREEK

11. Greek. Second Year.

Tu., Th., Sat., at 9.....Professor Woodhead.
Plato, Apology, Crito, and Ion; Euripides, Medea; Sight Translation.

12. Greek. Second Year.

Mon., Wed., Fri., at 9.....Mr. Counsell.
Thucydides I; Aeschylus Prometheus Vinctus; Sophocles, Antigone; Prose Composition.

13. Greek. Third and Fourth Years.

Tu., Th., Sat., at 11.....Professor Woodhead
Plato, Republic i-ii (Oxford Classical Text); Saphocles, Ajax; Demosthenes, Philippic i, Olynthiacs i-iii, Greek Prose Composition.

14. Greek. Third and Fourth Years.

Mon., Wed., Fri., at 12.....Professor Carruthers.
Herodotus viii (Shuckburgh, Cambridge University Press); Aristophanes, Birds (Merry, Clarendon Press); Thucydides ii (Marchant, Macmillan); Sight Translation.

Latin

All students taking Honours in Latin are expected to provide themselves with a grammar, a Latin-English dictionary, a classical dictionary, and an atlas of ancient geography. The following are recommended:— New Latin Grammar (Allen and Greenough, Ginn & Co.); Lewis, School Dictionary, or White, Junior Students' Latin-English Dictionary; Smith, Smaller Classical Dictionary (Everyman's Series, Dent), Kiepert, Atlas Antiquus (Williams and Norgate).

1. Latin. First Year.

Mon., Wed., Fri., at 10.

Petrie, Latin Reader, with Introduction to Roman History (Oxford, Clarendon Press); Latin Prose Composition (Marchant and Watson, Bell & Sons Ltd.); Translation at sight.

1A. Latin. First Year (for more advanced students).

Mon., Wed., Fri., at 10.....Professor Woodhead.

Cicero, Pro Lege Manilia (King, Clarendon Press); Pliny, Selected Letters (Westcott, Allyn and Bacon); Catullus, Selected Poems (Macmillan, Clarendon Press); Horace, Select Odes (Jackson, Clarendon Press); Latin Prose Composition (Marchant and Watson, Bell & Sons); Translation at sight.

2. Latin. Second Year.

Tu., Th., Sat., at 12.....Mr. Counsell

Pliny, Selected Letters (Westcott, Allyn and Bacon); Horace, Odes I (Page, Macmillan); Virgil; Aeneid IV (Stephenson, Macmillan's Elementary Classics); Translation at sight (Jerram, Anglice Reddenda, Second Series, Clarendon Press).

3. Latin. Third and Fourth Years.

Mon., Wed., Fri., at 11.....Mr. McCullagh.

Sallust, Catiline (Summers, Cambridge University Press); Horace, Epistles (A. S. Wilkins, Macmillan); Translation at sight (Pope and Bradshaw, Longmans).

Honour Courses in Latin

11. Latin. Second Year.

Tu., Th., Sat., at 11....Professors Carruthers and Mr. Counsell.

Sallust, Catiline; Livy 1; Latin Prose Composition.

12. Latin. Second Year.

Mon., Wed., Fri., at 12.....Professor Thompson.

Plautus, Captivi; Terence, Phormio; Virgil, Aeneid iv, vi, viii; Sight Translation.

13. Latin. Third and Fourth Years.

Mon., Wed., Fri., at 9.....Professor Woodhead.

Cicero, Letters (Abbott, Ginn & Co.); Roman Elegiac Poets (Carter, Heath & Co.); Sight Translation.

14. Latin. Third and Fourth Years.

Tu., Th., Sat., at 9.....Professor Thompson.

Juvenal, Selections (Duff, Cambridge University Press; Virgil, Bucolics and Georgics (Virgil, Oxford Classical Texts); Prose Composition.

Ancient History

Greek and Roman History and Institutions: a lecture and reading course open to students of the Second, Third and Fourth Years. May be taken as a half-course in the first or second term.

Mon., Wed., Fri., at 11..Professor Carruthers and Mr. Counsell.

Graduate Courses in Classics

See page 433.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

Professors:—Stephen Leacock. J. C. Hemmeon. J. P. Day.

Assistant Professor:—John Culliton. (On leave of absence.)

Sessional Lecturers:—Eugene Forsey. H. Carl Goldenberg.

Graduate Fellows: 1931-32—E. E. Bowker. G. S. Challies. D. W. Lusher. G. M. Rountree. F. V. Stone.

1. Elements of Political Economy. Second Year.

Mon., Wed., Fri., at 11.

Professors Hemmeon and Culliton and Mr. Forsey.

2. **Elements of Political Science.** Second Year.
Mon., Wed., Fri., at 12.....Professor Leacock.

3. **History of Economic and Political Theory.** Third Year.
First term; Mon., Wed., Fri., at 2.....Professor Leacock.

4. **Economic Aspects of the British Empire.** Third Year.
Second term; Mon., Wed., Fri., at 2.....Professor Leacock.

5. **Labour Problems.** Third Year.
First term; Tu., Th., Sat., at 12.....Professor Hemmeon.

6. **Money and Banking.** Third Year.
Second term; Mon., Wed., Fri., at 10.....Professor Day.

7. **Canada: Industrial and Economic Problems.** Third Year.
Second term: Mon., Wed., Fri., at 3.....Mr. Forsey

8. **The Government of Canada.** Third Year.
First term; Tu., Th., Sat., at 11.....Mr. Forsey.

9. **Contemporary Economic Theory.** Fourth Year.
First term; Tu., Th., Sat., at 11.....Professor Hemmeon.

10. **Contemporary Political Theory.** Fourth Year.
Second term; Mon., Wed., Fri., at 3.....Professor Leacock.

11. **International Trade and Trade Policy.** Fourth Year.
First term; Mon., Wed., Fri., at 10.....Professor Day.

12. **Public Finance.** Fourth Year.
Second term; Tu., Th., Sat., at 12.....Professor Hemmeon.

13. **Transportation.** Fourth Year and Graduate Students.
Second term; Mon., Wed., Fri., at 9.....Mr. Forsey.
(Not given in 1932-33)

14. **Social and Industrial Legislation.** Fourth Year and Graduate Students.
First term; Mon., Wed., Fri., at 12.....Professor Hemmeon.

15. **Great Britain: Economic and Fiscal Problems.** Fourth Year and Graduate Students.
Second term; in alternate years. (Not given in 1932-33.)
Mon., Wed., Fri., at 12.....Professor Day.

16. **Economic Factors in the Evolution of Society (till 1800).**
Fourth Year and Graduate Students.
First term; in alternate years. (Not given in 1932-33.)
Mon., Wed., Fri., at 12.....————————.

17. **Economic Factors in the Evolution of Society (after 1800).**
Fourth Year and Graduate Students.
Second term; in alternate years. (Not given in 1932-33.)
Mon., Wed., Fri., at 12.....Professor Day.

For the courses in Economics and Political Science given in the School of Commerce, see Announcement of the School of Commerce.

Honour Courses

Students taking the full Honours in Economics and Political Science take in their Second Year courses 1 and 2, together with three other courses approved by the Department; in their Third Year the courses indicated above, together with one approved course from another department, and in their Fourth Year the courses indicated above, together with a course approved by the department.

Students taking half their Honours in another department (see page 113) may be granted honours in Economics (without Political Science) by taking courses 1, 2, 5, 6, 7, 8, 9, 11, 12, 13, or they may be granted honours in Political Science (without Economics) by taking courses 1, 2, 3, 4, 5, 6, 7, 8, 10, 12, 14.

Students in the Department of Economics and Political Science are expected to spend a considerable proportion of their time in the preparation of class reports, essays, etc., in addition to the lectures and ordinary reading.

Graduate Courses

See page 435.

DEPARTMENT OF EDUCATION

Professors:—{F. Clarke.
Sinclair Laird.

At present two courses in Education are offered, the first being taken normally in the Third Year and the second in the Fourth Year. Graduate Students may take the two courses simultaneously in one year. The two courses if taken by graduates can now be counted as part of the requirements for an M.A. degree in Education. For particulars of requirements for this degree see the announcement of the Faculty of Graduate Studies.

I. General Principles of Education. Third Year.

(a) The Education Process; Educational Ends; Social Implications of Education; the School; Forms of School; School Systems; Modern Trends in Education.

(b) History of Education; Greek Education; the Renaissance; Modern Education from Rousseau; studies of (i) Plato's "Republic," (ii) Milton's "Tractate of Education," (iii) Rousseau's "Emile," (iv) Spencer's "Education."

Tu., Th., Fri., at 4.

II. Method and School Organization. Fourth Year.

(a) Theory of Instruction; Principles of Method; Construction and Adjustment of Curricula; Types of Teaching Procedure.

(b) Methods of Teaching School Subjects.

(c) School Organization and Administration, including a survey of the School Law and Regulations of the Province of Quebec.

(d) Control and Discipline.

Mon., Wed., 4–5.30.

Seminar for Graduate Students.

A weekly seminar is held (hour to be arranged) for graduate students.

THE TRAINING OF TEACHERS

THE HIGH SCHOOL DIPLOMA

This diploma is valid only in the Protestant Schools of the Province of Quebec. Only those students who may legally teach in Protestant schools should attempt to qualify for this diploma.

Each candidate must (a) make application upon the authorized forms, (b) be a British subject or satisfy the General Board that he has begun the necessary proceedings to become such, (c) submit a physician's certificate to show that he is in good health and free from physical and mental defects that would seriously interfere with his usefulness as a teacher, (d) be a graduate of some Canadian or other British University, with degree courses as follows:—

(*a*) *Academic.* Courses for two years in the following subjects:— **English, French** and three of the following: **Latin, History, Mathematics, a science subject.**

It is provided, however, (i) that a candidate may omit in the Second Year any three of these subjects, except English, in which he has taken at least 60% in the First Year, (ii) that a candidate taking an Honour course is exempt from these requirements after the First Year.

The Regulations governing the award of the High School Diploma require that candidates shall secure the approval of the Department of Protestant Education for the first two years of the B.A. Course before entering upon Course 1 in Education in the Third Year. Applications for recognition as candidates for the High School Diploma must be made to the Department not later than the July 20th preceding entrance upon Course I.

Failure to secure such approval may involve refusal by the Department to recognize for the purposes of the Diploma the work done in both the Courses 1 and 2.

Special High School Certificates qualifying to teach special subjects in which honour courses have been taken in the University may be issued by the Central Board of Examiners, but they shall not be valid for the headship of high schools unless endorsed for this purpose by the Director of Protestant Education, on the recommendation of the Central Board.

N.B.—Candidates may be permitted to qualify for the High School Diploma under the Regulations that were in force when they entered, with the benefit of any amendments made subsequently.

(*b*) *Professional.*

Full Year of Graduate Training. In the Session 1932-33 the University proposes to institute a course providing a *full year* of graduate training for High School Teachers. This course will cover all the present requirements for the High School Diploma together with further work of a professional kind. This new and improved arrangement is being introduced to enhance the standing of High School teachers trained at McGill, and to bring the scheme of training into accord with those that generally prevail elsewhere. Candidates for this course are advised to consult the Professor of Education for further particulars.

For candidates who desire to qualify under the old arrangement and so long as the old arrangement is recognized by the Department of Education and the University, the following will be accepted as meeting the professional requirements:—

(1) The successful completion of courses 1 and 2 in the Department of Education.

(2) Successful completion of special courses in methods of teaching French, Music and Drawing. These courses are held in the Montreal High School on Tuesday afternoons throughout the session. Fee, $20.00, payable to the Bursar, McGill University.

(3) Successful completion of at least fifty half-days of practice teaching and criticism lessons under expert supervision (unless the

candidate holds an intermediate diploma or shows an equivalent in successful teaching experience which would be accepted by the Central Board of Examiners).

The course in Practice Teaching is at present divided into two parts. The first part is taken in September preceding the Fourth Year. Education Course 1 is a prerequisite. The second part of the course in Practice Teaching is taken in May and June after the Fourth Year examinations.

ELEMENTARY, INTERMEDIATE AND KINDERGARTEN DIPLOMAS

The training for these diplomas is given at Macdonald College. (See Macdonald College Announcement.)

COURSES FOR TEACHERS OF SPECIAL SUBJECTS

French. A summer school for teachers of French leading to a Specialist Diploma recognized by the Provincial Department of Education.

Kindergarten Assistants. A two-session course held in Montreal and leading to a Kindergarten Assistant's Diploma, according to the regulations of the Protestant Committee of the Department of Education. This diploma is accepted for entrance to the Kindergarten class at Macdonald College.

Physical Education. A two-years' course leading to a diploma for Teachers in Physical Education recognized by the Provincial Department of Education. (This course is given under the Department of Physical Education.)

DEPARTMENT OF ENGLISH

PROFESSOR:—CYRUS MACMILLAN.

ASSOCIATE PROFESSORS:—GEORGE W. LATHAM. HAROLD G. FILES.

ASSISTANT PROFESSOR:—A. S. NOAD.

LECTURER:—MARY MACKENZIE.

LECTURER AND DIRECTOR IN PLAY PRODUCTION:—LEONA GRAY.

LECTURER IN ORAL ENGLISH:—ROBERT GEORGE

ASSISTANTS:—A. R. McBAIN. ESTHER ENGLAND. BARBARA ULRICHSEN. DONALDA PUTNAM. MARY O. HILL. RUTH DINGLE. _____. _____. _____.

1. **English Composition.**
   Sat., at 12.....Professor Noad, Miss Mackenzie and Assistants. Professor Noad will have the general direction of this course. Section and weekly conference hours to be arranged.

2. English Literature.
General Course from Anglo-Saxon times to the present day.
Tu., Th., and, at the pleasure of the instructor, Sat. at 12.
Professor Macmillan and Assistants.
Weekly conference hours to be arranged. Mr. McBain will have the general direction of the tutorial conferences.

Advanced Courses.
In English 1 and English 2, advanced students will be assigned to special sections in which advanced work will be prescribed.

1A. English Composition.
One hour a week in the first term of the Second Year.
All students who fail in English 1 are required to take this course.
Professor Noad and Assistants.

3. English Composition.
Half course. An advanced course open to a limited number of students who desire more practice in writing after having completed English 1. Application for permission to take this course should be made at the beginning of the session.
Hours to be arranged.....Professor Files.

4. English Literature in the Nineteenth Century.
Tu., Th., Sat., at 11.....Professor Latham.

5. Spenser and Milton.
Second term; Tu., Th., Sat., at 12.....Professor Latham.
(Given in 1932-33; not given in 1933-34.)

6. Shakspere (Six Plays).
Mon., Wed., Fri., at 10.....Professor Macmillan.
May be taken in two successive years.

7. English Literature in the Eighteenth Century.
Mon., Wed., Fri., at 12.....Professor Files.
(Given in 1932-33; not given in 1933-34.)

8. The Forms of Public Address.—Oral English, etc.
Half course.
Tu., 3 to 5; conference hours to be arranged.....Mr. George.

9. English Poetry from 1798 to the present time.
Mon., Wed., Fri., at 11.....
Professors Macmillan and Noad and Assistants.
(Given in 1932-33; not given in 1933-34.)

10. The English Novel, from Richardson to the present time, with some reference to foreign work and to related literary types.
Tu., Th., Sat., at 11.....Professor Files.

11. **English Literature, exclusive of Drama, from Tottel's Miscellany to the Restoration.**
Second term; Mon., Wed. and Friday, at 12.....Professor Noad.
(Not given in 1932-33; given in 1933-34.)

12. **Anglo-Saxon; English Literature up to the Norman Conquest.**
Mon., Wed., Fri at 2.....Professor Latham.

13. **Technique of the Drama.**
Theory and practice. Play structure; characterization; dialogue; an examination of specimen plays of various periods. Lectures, conferences and practical work in play production, oral English, etc., on the stage in Moyse Hall, designing, lighting, scenic effects, oral English, etc.
Tu., Th., at 10 a.m.; laboratory periods Mon., Tues., Wed., Thurs., Fri., 3.30 to 5.30 p.m.
Miss Gray, Professors Macmillan and Files, Miss Dingle, Mr. George and Assistants.
Courses 3, 6, 7 and 19 are recommended to students taking this course.

14. **Chaucer.**
First term; Tu., Th., Sat., at 12.....Professor Latham.
(Given in 1932-33; not given in 1933-34.)

15. **American and Canadian Literature.**
Second term; Mon., Wed., Fri., at 11.....
Professors Macmillan and Latham.
(Not given in 1932-33; given in 1933-34.)

16. **Comparative Literature.**
The influence of English Literature upon the continent of Europe in the 18th and 19th centuries.
Tu., Th., Sat., at 9.....Professor Noad.
(Given in 1932-33; not given in 1933-34.)

17. **Comparative Literature.**
The literary influence of the Continent upon England since 1600; a study of typical forms.
Tu., Th., Sat., at 9.....Professor Noad.
(Not given in 1932-33; given in 1933-34.)

18. **The English Bible.**
First term; Tu., Th., Sat., at 9.
Professor ———— and Assistants.
(Not given in 1932-33.)

19. **English Literature from the Restoration to the Death of Dryden.**
First term; Mon., Wed., Fri., at 12.....Professor Files.
(Not given in 1932-33; given in 1933-34.)

20. **Early English: English Literature from 1200 to 1450.**
Tu., Th., Sat., at 12.....Professor Latham.
(Not given in 1932-33; given in 1933-34.)
Open only to students who have taken Course 12, or its equivalent.

21. **Political Satire Since the Renaissance.**
First term; Mon., Wed., Fri., at 11.....Professor Macmillan.
(Not given in 1932-33; given in 1933-34.)

22. **An advanced Course in the Technique of the Drama.** Play-production; individual research and practical work. Special lectures will be given by guest lecturers. Prerequisite: English 13 or its equivalent.

The purpose of the course is to provide for students who, in English 13 or its equivalent, have shown special aptitude for the work, an opportunity to gain further experience. Members of the class work as leaders of student groups in production, make-up, designing, scene-making, costuming, etc. The attendance in this course is limited to twenty. Application for admission must be made at the beginning of the session, Mon., Wed., Fri., 12. Laboratory periods, Mon., Tues., Wed., Th., Fri., 3.30 to 5.30 p.m.

Miss Gray, and other members of the Department.

NOTE

Courses 4, 7, 11, 15, and in special cases with the consent of the Department, Course 6, are open to students in the Second Year.

Courses 3, 5, 8 to 14 inclusive, and 16 to 22 inclusive are open to students in the Third and Fourth Years.

HONOUR COURSES

Second Year:—Two courses selected from 4, 6, 7, 8, 15, 18, 19.
Third Year:—Four courses.
Fourth Year:—Four courses not taken in the Third Year; Course 11 in the Graduate School may be taken, with the permission of the Department.

Courses 5, 6, 12, 14 and 20 are compulsory for Honours.

ENGLISH REQUIREMENTS FOR THE HONOURS COURSES IN ENGLISH AND LATIN, ENGLISH AND FRENCH, AND ENGLISH AND GERMAN.

Second Year:—Consult the Head of the Department.

Third Year:—Any courses aggregating six hours a week, including 12, chosen from 4 to 22, not previously taken.

Fourth Year:—Any courses aggregating six hours a week, including 12, chosen from 4 to 20, not previously taken. (Course 12 and one course selected from 5, 14 and 20 are compulsory.)

English Requirements for Honours in English and Other Subjects

Second Year:—Consult the Head of the Department.

Third Year:—Courses aggregating six hours, chosen from 4 to 22, not previously taken.

Fourth Year:—Any courses aggregating six hours, chosen from 4 to 22, not previously taken.

One course selected from 5, 12, 14 and 20 is compulsory in either the Third or the Fourth Year.

Final General Examination:—Every candidate for Honours in English or English and another subject, must pass, near the close of his last year, a special general examination, either oral or written, conducted by a committee of the Department, to test the range and accuracy of his knowledge of English Language and Literature.

Graduate Courses

See page 438.

DEPARTMENT OF GEOLOGICAL SCIENCES

Professor:—John J. O'Neill.

Professor of Mineralogy:—R. P. D. Graham.

Professor of Palæontology:—T. H. Clark.

Assistant Professors:—J. E. Gill. F. F. Osborne.

LeRoy Fellow in Geology:— A. Roddick Byers

Graduate Assistants:—_____. _____. _____.

Natural Science 1 (Botany, Geology, Zoology). A conjoint course outlining briefly the nature and evolution of the earth and its inhabitants. Mon., Wed., and Fri., at 12.

1. **General Geology** (Eng. 141). A general survey of the whole field of geology.

   (*a*) *Mineralogy and Petrology.*—The common rock-forming and economic minerals and more important rocks.

   (*b*) *Dynamical and Structural Geology.*—The processes of vulcanism; volcanoes, geysers, etc.; disintegration of the rocks to form soils; denudation of the earth's surface under atmospheric agencies, rain, running water, glaciers, etc., and the deposition of the materials as sediments; mountain building, earthquakes, folding, faulting, metamorphism, etc.

(*c*) *Historical Geology*, including a description of the fauna and flora of the earth during the successive periods of its history, as well as the economic aspects of the subject.

The lectures are illustrated by the extensive collections in the Peter Redpath Museum, as well as by models, maps, sections and lantern slides.

In addition to the lectures there are excursions on Saturday mornings for five or six weeks after the term opens; students attending these are excused from any classes which conflict with the excursions. Two hours laboratory; sections arranged to suit students.

Mon. and Fri., at 9.....Professor Clark.
Text-book:—Pirsson and Schuchert, "Foundations of Geology."

2. Physiography and Natural Resources of Canada.

The first part of the course deals with the development and significance of land forms. This is followed by a survey of the whole of Canada with descriptions and interpretations of the main topographic features. The relationships between geology, topography and the distribution of natural resources are brought out, as well as the influence of the physiography on the economic development of the country. The course is illustrated by lantern slides, maps and observations in the field.

Tu., at 12, and one laboratory period to be arranged to suit the students.....Professor Gill.

3. Stratigraphy (Eng. 151).

This course consists of two parts. (1) Sedimentation; a consideration of the source and origin of sedimentary rocks, the significance of their structure and textures, and the structural relationships of strata; (2) Correlation; the means by which it is achieved, index fossils, principle of superposition, stratigraphic continuity, etc.; also the subjects of stratigraphic nomenclature and paleogeography. Brief reference is made to economic products of sedimentary rocks.

First term; Mon., Fri., at 11; one hour laboratory, and two full days field work during October. One half course.

Prerequisite:—1.....Professor Clark.

4. Geology of Canada (Eng. 149).

A general description of the geology and mineral resources of the Dominion.

First term: Wed., at 11.

Prerequisite:—1.....Professor O'Neill.

5. **Mineralogy** (Eng. 142).
Lectures and demonstrations, dealing mainly with the description and means of identification of species.
Tu., and Th., at 9.....Professor Graham.

6. **Determinative Mineralogy** (Eng. 143).
Laboratory practice in blow-pipe analysis and its application to the determination of mineral species.
Two laboratory periods during the first term; Th., Fri., 2 to 5.
Professor Graham.

7. **Practical and Field Geology** (Eng. 147).
Study of the structure and metamorphism of the earth's crust with reference to folding, faulting, etc. and to igneous intrusions in their bearing upon the occurrence of valuable mineral deposits; discussion of the methods employed in carrying out geological surveys for various purposes and in the construction and interpretation of geological maps and sections.
Lectures, laboratory, and field mapping.
First term; Th., at 11, and Sat. mornings, 9–12. Professor Gill.

8. **Ore Deposits** (Eng. 148).
The nature, mode of occurrence and classification of ore deposits; typical occurrences are described and their origin discussed. The more important non-metallic minerals, *e.g.*, fuels, clays, building stones, etc., are similarly treated, as well as questions of water supply, artesian wells, etc.
Second term: Tu., 10 to 12, Wed. and Th., at 11.
Prerequisite:—147 ..... Professor O'Neill.

9. **Optical Mineralogy and Crystallography** (Eng. 151).
Methods of determining the various optical properties of minerals.
One lecture Mon. at 10, and three hours laboratory period; first term.
Professor Graham.

10. **Petrography** (Eng. 146).
Modern petrographic methods and the classification and description of rocks. Thin sections and hand specimens of rocks and polished surfaces of ores are examined.
First term: Tu., at 10; laboratory, first term, Fri. 10–1; second term, Sat., 9–12.....Professors Graham and Osborne.

12. **Palæontology** (Eng. 152).
The development of ideas concerning the origin of fossils. A brief survey of systematic palæontology, in which the fossils of the major

biological groups are treated in order. The economic importance of palæontology; the meeting place of biology and geology; the bearing of palæontology upon the doctrine of evolution.

Second term; Mon., Wed., at 11; laboratory, Wed., 2–5.

Prerequisite:—1 ..... Professor Clark.

13. Geological Colloquium.

Papers on a great variety of geological topics are assigned to students for review and concise presentation as a preface to general discussion. Each year, this course must be taken by all graduate students in Geology.

Wednesday at 4.30.

NOTE.—Subjects normally grouped to make full courses; 2 and 4; 3 and 12; 5 and 6; 7 and 8; 9 and 10.

HONOUR COURSES

Second Year:—Geology 1, 5, 6; Botany 1 or Zoology 1; Chemistry 3a; German 4 (if French has already been taken).

Third Year:—Geology 3, 4, 9, 12; Chemistry 3b2; Botany 2; and one or more selected courses as advised by the Department.

Fourth Year:—Geology 2, 7, 8, 10, 13; Chemistry 4; and one or more selected courses as advised by the Department.

NOTE.—The selected courses in the Third and Fourth Years permit the student to concentrate on some branch of Geology in which his particular interest lies.

GRADUATE COURSES

See page 445.

DEPARTMENT OF GERMANIC LANGUAGES

PROFESSOR:—H. WALTER.

ASSOCIATE PROFESSOR:—W. L. GRAFF.

LECTURER:—MISS B. MEYER.

1. German Language. (Beginners' B.A. Course.)

Tu., Th., Sat., at 9 ..... Dr. Walter, Dr. Graff, Miss Meyer.

Texts:—Van der Smissen and Fraser, High School German Grammar (Copp, Clark Co.); Guerber, Märchen und Erzählungen, Vol. I (Heath); Nichols, Easy German Reader (Holt).

Students intending to proceed to Course 7 are required to study during the summer the following texts:—Hauff, Der Zwerg Nase (Heath); Moser, Der Bibliothekar (Heath); Schrakamp, Ernstes und Heiteres (A.B. Co.); Van der Smissen's German Grammar. Lessons XL to end.

2. German Language.
Tu., Th., Sat., at 10.....Miss Meyer.
Texts:—Van der Smissen and Fraser, High School German Grammar (Copp, Clark Co.); Hauff, Die Karavane (Holt); Keller, Kleider machen Leute (Heath); Fulda, Talisman (Holt); Collmann, Easy German Poetry (Ginn, Ed. 1913); Chiles: German Composition and Conversation (Ginn. & Co.).

Private Readings:—

Baumbach, Waldnovellen (Heath); Riehl, Burg Neideck (Am. B. Co.).

3. German Language. (Beginners' B.Sc. Course.)
Tu., Th., Sat., at 10.....Dr. Walter; Professor Graff.
Texts:—Van der Smissen and Fraser, High School German Grammar (Copp, Clark Co.); Guerber, Märchen und Erzählungen, Vol I. (Heath); Nichols, Easy German Reader (Holt).

4. German Science Reading Course. Second Year.
A course in reading Science German is given for students who have matriculated in this language or have taken it in the First Year.

One weekly lecture until Christmas. After that date the students report every week on individual reading assignments...Professor Graff.

Texts:—Greenfield's Technical and Scientific German (Heath); Ihrig's Word Formation and Syntax (Heath).

5. German Language. Second Year.
Section A; Mon., Wed., Fri., at 11.....Miss Meyer.
Texts:—Van der Smissen, German Grammar; Jagemann, Materials for German Prose Composition (Holt); Storm, Immensee (Ginn); Porterfield, Modern German Stories (Heath); Schiller, Wilhelm Tell (Holt).

Private Readings:—

Riehl, Der Fluch der Schönheit (Heath); Wildenbruch, Der Letzte. (Am. B. Co.).

Section B; Mon., Wed., Fri., at 10.....Professor Walter.

Texts:—Van der Smissen, German Grammar; Jagemann, Materials for German Prose Composition (Holt); Baker, German Statitk (Holt); Freytag, Die Journalisten (Ginn); Schiller, Maria Stuart.

Private Readings:—

Rieht, Der Fluch der Schönheit (Heath); Wildenbruch, Der Letzte. (Am. B. Co.).

7. German Language. Second Year. Honour Course.
Mon., Wed., Fri., at 12.....Professor Graff.
Texts:—Jagemann, Materials for German Prose Composition (Holt); Goethe, Egmont (Holt); Schiller, Piccolomini; Meyer, Jürg Jenatsch (Heath); Nichols, Modern German Prose (Holt).

Private Readings:—

Heine, Harzreise (Ginn); Goethe, Sesenheim (Holt).

No student who in his First Year took German 1 can take course 7 unless he has completed the summer work as given under course 1.

Students may begin Honours in German in their Third Year, provided they have obtained a First Class in either 5A or 5B.

Honour students in German are strongly recommended to take, in their Second or Third Year, as one of their general courses, course 1 of the Department of Philosophy (Logic and Introduction to Philosophy).

N.B.—In order to be admitted to the following courses of the Third and Fourth Years a student must know German well enough to understand lectures delivered in German and express himself in German with some degree of fluency and correctness.

8. German Literature (Nineteenth Century).
Mon., Wed., Fri., at 9 (given in 1932-33).....Professor Walter.
Texts:—Kleist, Prinz Friedrich von Homburg (Ginn); Grillparzer, Sappho (Ginn); Hebbel, Agnes Bernauer; Heine, Prose (Oxford University Press); Heine, Verse; Hauptmann, Die versunkene Glocke; Keller, Sieben Legenden, Stroebe and Whitney, Geschichte des deutschen Literatur (Holt); Whitney and Stroebe, Exercises in German Syntax and Composition (Holt Co.).

9. German Literature (Eighteenth Century).
Mon., Wed., Fri., at 9 (given in 1933-34).....Professor Walter.
Texts:—Lessing, Emilia Galotti (Ginn); Goethe, Iphigenie (Pitt Press); Schiller, Wallenstein; Lessing, Hamburgische Dramaturgie; Stroebe and Whitney, Geschichte der deutschen Literatur (Holt); Whitney and Stroebe, Exercises in German Syntax and Composition (Holt Co.).

HONOUR COURSES

10. Mediæval German Literature and Philology.
Mon., at 4 (given in 1932-33).....Professor Graff.
Texts:—Bachmann, Mittelhochdeutsches Lesebuch (Fæsi and Beer, Zürich); Behaghel, Die Deutsche Sprache (Freytag, Leipsig).

11. Entwicklung der deutschen Lyrik.....Professor Walter.
One hour. (Given in 1932-33.)

12. **Geschichte des deutschen Trauerspiels**.....Professor Walter.
Two hours. (Given in 1933-34.)

13. **Composition.**
One hour.....Professor Walter
Mutschmann, Passages for translation into German (Oxford Univ. Press).

GRADUATE COURSES

See page 447.

DEPARTMENT OF HISTOLOGY AND EMBRYOLOGY

PROFESSOR:—J. C. SIMPSON
LECTURERS IN HISTOLOGY:—D. J. BOWIE. W. M. FISK.
DEMONSTRATOR IN HISTOLOGY AND EMBRYOLOGY:—H. E. RAWLINSON.

1. **Histology.**
A general course on the microscopic structure of mammalian tissues and organs, with particular reference to the human body.
Two lectures and eight hours of laboratory work a week throughout the session.
Tu., Th., Fri., 2 to 5.....Professor Simpson and Dr. Rawlinson.

3. **Embryology.**
A discussion of the development of the systems and organs.
First term Mon. at 2; Second term Mon., at 2, Wed. at 9.
Professor Simpson.

4. **Advanced Histology.**
Laboratory course in histological technique open to students who have completed Course 1.
Three hours a week throughout the session.....Dr. Bowie.

5. **Advanced Embryology.**
Including practical work in enbryological technique.
Six hours a week throughout the session.....Dr. Rawlinson.

DEPARTMENT OF HISTORY

PROFESSORS:—————— C. E. FRYER.
ASSOCIATE PROFESSOR:—E. R. ADAIR.
ASSISTANT PROFESSOR:—T. W. L. MACDERMOT.
ASSISTANTS:—V. C. WANSBROUGH. S. L. POLLARD. A. WATT.

Courses for General Students

1. **General History of Europe, from the Break-up of the Roman Empire to 1914.** First Year.
Tu., Th., Sat., at 11.....Professors and MacDermot.
This class will be divided into two sections, one of which will be for prospective Honour Students and others of proved proficiency in the subject.

2. **General History of North and South America.** Second Year.
Mon., Wed., Fri., at 9.....Professor Adair.

3. **History of the British Empire.** Second Year.
Tu., Th., Sat., at 10.....Professor MacDermot.
With the consent of the Department, this course may be taken by Third-Year students.

4. **History of Canada.** Third Year.
Tu., Th., Sat., at 9.....Professor MacDermot.
With the consent of the Department, this course may be taken by Fourth-Year students.

5. **British Industrial Democracy, 1784-1914.** Fourth Year.
Tu., Th., Sat., at 11.....Professor Fryer.
With the consent of the Department, this course may be taken by Third-Year students.

6. **History of Europe, 1789-1914.** Fourth Year.
Tu., Th., Sat., at 10.....Professor Fryer.

Courses Specially for Honour Students

Prerequisite:—History 1.

7. **Mediæval History and Institutions.** Second Year.
Tu., Th., Sat., at 10.....

8. **History of Modern Europe to 1789.** Third Year.
Mon., Wed., Fri., at 12.....Professor Adair.

9. **English Constitutional History.** Fourth Year.
Tu., Th., Sat., at 9.....

10. **History of Economic and Social Conditions, with special reference to England.** Fourth Year.
Three hours, at times to be arranged.....Professor Adair.

Special Subjects:—

The Early History of the English Parliament.
Movements for Religions.
Reform in the later Middle Ages.
The Reign of Charles I.
William Pitt and the Conquest of Canada.
England, 1832-1846: a study in political reconstruction.
1848: A Year of Revolution in Europe.
The Genesis of the British Parliamentary Labour Party.
The Peace of Versailles, 1919.
A Period or Aspect of Ancient History.*

NOTE.—A choice of one of these special subjects for continuous study by Honour students during their Third and Fourth Years is made in consultation with the Chairman of the Department.

Students taking Honours in History will take the following courses in 1932-33:—

Second Year: History 2 and 7.
Three approved courses in other subjects, at least one of which must be a foreign language.

Third Year: History 4 and 8.
An approved course in Philosophy, Economics, Latin, French *or* German. One of the special subjects in History.

Fourth Year: History 6, 9 and 10.
Continuation of special subject begun in 1931-32.

Students taking Honours in History and another subject will take the following courses in History in 1932-33:—

Second Year: History 2 and 7.
Third Year: History 4 and 8.
Fourth Year: History 9 and *either* 6 *or* 10.

NOTE.—In addition to the examination on the subjects taken up in the last year, Fourth Year Honour students have a general examination paper on the history studied by them in their four years.

GRADUATE COURSES

See page 447.

*For courses in Ancient History, *see* under the Department of Classics.

DEPARTMENT OF MATHEMATICS

PROFESSORS AND JOINT CHAIRMEN: C. T. SULLIVAN. N. B. MACLEAN.

ASSOCIATE PROFESSORS:—A. H. S. GILLSON. W. L. G. WILLIAMS.

ASSISTANT PROFESSORS:—H. TATE. F. M. WOOD. DAVID HOWAT.

LECTURER:—G. PALL.

SESSIONAL LECTURER:—W. B. ROSS

1. Mathematics. (For First Year students.)

Geometry and Trigonometry. Three hours, first term.

Algebra. Three hours, second term.

Five Sections: Professor Gillson (two sections), Professor Howat (one section), Professor MacLean (one section), Professor Wood (one section).

An advanced section will be in charge of Professor Gillson.

Text-books:—Hall and Knight, Elementary Trigonometry; revised Canadian edition; Carslaw, Plane Trigonometry; Hall and Stevens, School Geometry, Parts I-VI; Hall's School Algebra, Parts I, II, III.

First or Second class standing in course 1 is necessary for course 3 or 4.

1B. Practical Mathematics.

This is an elementary course giving simple methods of dealing with numerical data arising in Biology, Economics, Sociology and allied subjects and including such topics as the use of graphical methods, tables, averages, approximations and elementary statistics.

Two lectures and one tutorial weekly during first term (time to be arranged).....Professor Howat.

2. Elementary Analysis. (For Second Year students.)

This course is designed to meet the continuation requirements of students who have passed ordinary Mathematics 1, but whose standing does not permit them to take Mathematics 3 or 4.

Mon., Wed., Fri., at 10.....Professor Sullivan.

3. Calculus. (An elementary course for Second Year and other qualified students.)

Tu., Th., Sat., at 12.....Professor Sullivan.

Text-book:—Lamb, Infinitesimal Calculus.

4. **Algebra and Analytical Geometry.** (For Second Year and other qualified students.)
Mon., Wed., Fri., at 10.....Professor Howat.
Text-book:—C. Smith, Conic Sections.
A knowledge of courses 3 and 4 is a prerequisite for courses 6, 7, 8.
Ordinary students taking Mathematics as a continuation subject are advised as follows:—Mathematics 3, 4 may be taken in the same year or in different years in any order. After Mathematics 3, 4 have been passed, any of Mathematics 6, 7, 8 may be taken in any order.

5. **Spherical Trigonometry and Astronomy.** (For Second Year and other qualified students.)
Spherical Trigonometry; One hour, first term....Professor Sullivan.
Astronomy; Two hours, second term.....Professor Gillson.
Text-books:—Murray, Spherical Trigonometry; Barlow and Bryan, Astronomy (London University Tutorial Press); Moulton's Astronomy.
This course can be combined with Physics 4 to form a three-hour course for the year.

6. **Analytical Geometry of Three Dimensions; Curve Tracing.** (For Third Year and other qualified students.)
Three hours.....Professor Howat
Text-books:—C. Smith's Solid Geometry; R. T. J. Bell, Geometry of Three Dimensions.

7. **Infinitesimal Calculus and Differential Equations.** (For Third Year and other qualified students.)
Three hours.....Professor Gillson.
Text-books:—Lamb, Infinitesimal Calculus; Osgood, Advanced Calculus; Forsyth, Differential Equations (Macmillan); Piaggio, Differential Equations (Bell).

8. **Theory of Equations and Higher Algebra.** (For Third Year and other qualified students.)
Three hours.....Professor Howat,
Text-books:—Burnside and Panton, Theory of Equations; Fine. College Algebra; Milne, Higher Algebra.

9. **Finite Differences and Theory of Probability, with applications.** (For Fourth Year and other qualified students.)
Three hours .....Professor Tate.
Course 8 is a prerequisite to course 9.
Text-books:—Spurgeon, Institute of Actuaries' Text-book; Borel, Probability; A. Fisher, Probabilities; Henry, Calculus and Probability.

10. Introduction to the Theory of Functions of a Real Variable. (For Fourth Year and other qualified students.)

Three hours .....Professor Williams.

Text-books:—Hardy, Course in Pure Mathematics (Camb. Univ. Press); Carslaw, Fourier's Series and Integrals.

11. Introduction to the Theory of Functions of a Complex Variable. (For Fourth Year and other qualified students.)

Three hours .....Professor Sullivan.

Text-books:—MacRobert, Functions of a Complex Variable; Whittaker and Watson, Modern Analysis; Appell and Lacour, Fonctions Elliptiques (Gauthier-Villars).

12. Modern Higher Algebra. (For Fourth Year and other qualified students.)

Properties of polynomials; determinants and matrices; theory of forms.

Three hours .....Professor Sullivan.

Text-book:—Bôcher, Introduction to Modern Higher Algebra.

Each year courses 6, 7, 8, 10, 11 and either 9 or 12 will be given.

For Courses in Commerce open to students in Arts, see Announcement of the School of Commerce.

Honour Courses in Mathematics

Prerequisites:—High standing in Mathematics 1; Physics 1 or 2.

Second Year:—Mathematics 3, 4, and either Mathematics 5 and Physics 4, or Mathematics 42 of Commerce.

Third Year:—Courses 6, 7, 8, and a fourth course (in any subject) approved by the Department.

Fourth Year:—Course 10 and at least two of courses 9, 11, 12, and a fourth course (in any subject) approved by the Department.

Honour Courses in Mathematics and Physics

Prerequisites:—High standing in Mathematics 1; Physics 1 or 2.

Second Year:—Mathematics 3, 4, 5; Physics 3, 4. (Chemistry and English recommended as other subjects to be chosen.)

Third Year:—Mathematics 6, 7; Physics 5, 6.

Fourth Year:—Mathematics 10, 11; Physics 7, 8, 9, 10.

Graduate Courses in Mathematics

See page 448.

DEPARTMENT OF ORIENTAL (Semitic) LANGUAGES

PROFESSORS:—{C. A. BRODIE BROCKWELL. G. ABBOTT-SMITH.

LECTURERS:—{JULIUS BERGER. R. B. Y. SCOTT.

1. **Hebrew Grammar and Syntax.**
Mon., Wed., Fri., at 12.....Professor Brockwell.

2. **Arabic and Aramaic.**
Mon., Wed., Fri., at 10.....Professor Brockwell.

3. **Semitic Social Anthropology and Epigraphy.**
Mon., Wed., Fri., at 11.....Professor Brockwell.

4. **Hebrew Text of Koheleth (Ecclisiestes).**
Mon., Wed., Fri., at 9.....Professor Brockwell.

5. **Talmudic Texts.**
Tu., Th., at 10.....Mr. Berger.

6. **The Theories of Mediæval Hebrew Philosophers, with some work on their texts.**
Mon., Wed., Fri., at 12.....Mr. Berger.

7. **Hebrew Text of Amos and Isaiah.**
Mon., Wed., Fri., at 2 p.m.....Dr. R. B. Y. Scott.

8. **Literature of the Jewish Hellenists (Selected Greek Texts).**
Mon., Wed., Fri., at 2.....Professor Abbott-Smith.

9. **Grammar and Syntax of Jewish Hellenistic Texts.**
Tu., at 12.....Professor Abbott-Smith.

HONOUR COURSES

Prerequisite:—Hebrew 1 or an equivalent.
Second Year:—Consult the Head of the Department.
Third Year:—2, 3, 4, 5, 7.
Fourth Year:—2, 3, 4, 7 continued; and 6.

GRADUATE COURSES

See page 454.

DEPARTMENT OF PHILOSOPHY

PROFESSORS:—{IRA A. MACKAY.
C. W. HENDEL (*Chairman*).

The courses in Philosophy are of two types—General Courses and Advanced Courses.

The General Courses have several distinct ends in view. They are intended to awaken in students an interest in the ultimate questions of life and to give a discipline in reflective thinking. These courses also interpret to them the subjects or art, literature and science in relation to each other and to philosophy, thus providing a comprehensive view of the field of human knowledge.

Such general courses are *Introduction and Logic*, *Moral Philosophy*, *Greek Philosophy*, and *History of Modern Philosophy*. These courses are available to students of every department of the College.

The advanced courses are devoted to study of fundamental problems either of philosophy proper or of other subjects having philosophical aspects, such as law, politics, the social sciences, and the natural sciences. These courses offer an opportunity for individual research both to scholars in philosophy and to advanced students of other departments who have the requisite training.

The advanced courses are *Modern Logic and Metaphysics*, *Kant and his Influence on Modern Philosophy*, *Political Philosophy*, *Ethics*, and the *Seminars on Plato and Aristotle and Contemporary Philosophy*.

1. Introduction to Philosophy and Logic.

(*a*) A careful study of the essentials in Locke, Berkeley, Hume and Kant and their application to general philosophy.

(*b*) The elements of Logic, Deductive and Inductive. Exercises in Logic.

Reading: *Selections* from *Locke*, *Berkeley*, *Hume* (Scribner's); Mellone; *Introductory Text-book of Logic.*

Tu., Th., Sat., at 10.....Professors MacKay and Hendel.

2. Moral Philosophy.

A study of moral character and of the various types of ethical principle recognized in Western culture. Reading: Plato, *Republic;* *Selections* from Aristotle, Hobbes, Spinoza, Rousseau and Kant; Bishop Joseph Butler, *Fifteen Sermons Preached in the Rolls Chapel* (ed. Mathews, Bohn Lib. Bell); J. S. Mill, *Utilitarianism.*

Tu., Th., Sat., at 11 (two lectures and one discussion).

Professor Hendel.

3. Greek Philosophy.

The development of philosophy from Thales to Aristotle with a brief survey of the post-Aristotelian schools. The main part of the course consists of a systematic study of Plato's philosophy as embodied in the principal dialogues, followed by a shorter treatment of Aristotle with a selection from his writings. Intended as an introduction to the problems of philosophy and to Greek life and thought, for both general and honours students.

Prescribed: John Burnet's *Greek Philosophy, Part I, Thales to Plato* and the early fragments as translated in his *Early Greek Philosophy;* Scribner's *Selections* from Plato (R. Demos) and Aristotle (W. D. Ross) and Plato's *Republic* (translated by Davies and Vaughan or A. D. Lindsay); R. W. Livingstone, *The Greek Genius and its meaning to us.*

One long essay is required in each term.

Mon., Wed., Fri., at 12.

4. History of Modern Philosophy.

A survey of the ideas and philosophies of the period from the Renaissance to the present. The lectures aim at giving comprehensive views of the state of thought in the Seventeenth, Eighteenth and Nineteenth Centuries, particularly as regards science and religion, history, politics, and social conditions. The discussions in conference are on the writings of the masters of modern philosophy. *Selections* from Descartes, Spinoza, Leibniz, Locke, Hume, Kant, Hegel and Bergson.

Tu., Th., Sat., at 12 (two lectures and one discussion).

Professor Hendel.

5. Political Philosophy.

An enquiry into the origin and meaning of modern political ideas, with especial attention to the ideas of law, freedom and political obligation. These conceptions are studied in their application to both the national and the international community. There are occasional lectures to present materials of research, notably on Jean Bodin, Grotius, Pufendorf, Montesquieu, the Encyclopedists and Rousseau. The reading and reports and discussions are on the political writings of Hobbes, Locke, Spinoza, Rousseau, Kant, Hegel, T. H. Green, and certain contemporaries in various schools of thought.

Prerequisite: Philosophy 2 or 3 or 4.

Students of advanced standing in economic and political science, or any other cognate subject, are permitted to take this course without fulfilling the above prerequisite, but only with the express consent of the lecturer.

Mon., Th., at 4.30 or any other hours that can be arranged.

Professor Hendel.

This course will be given 1933-34 and alternate years (cf. Philosophy 10).

6. Modern Logic and Metaphysics.

(This course is divided into two half-courses which can be taken independently.)

(*a*) *Logic.*

Lectures assume acquaintance with elementary formal logic and aim at a survey of the chief fields of modern development.

They comprise an introduction to the formal symbolic treatment of *Principia Mathematica*, followed by a fuller study of the logical problems of induction and an analysis of scientific method, especially the concepts of law, hypothesis, causation and probability; concluding with a brief consideration of more philosophical topics as treated by Bradley, Bosanquet, Cook, Wilson and Johnson, viz., the nature of judgment and inference, negation, universality, fact and theory.

The following texts are prescribed: L. S. Stebbing, *A Modern Introduction to Logic* (Methuen), J. S. Mill, *System of Logic.* Book II Ch. 3, Bk.III; J. M. Keynes, *A Treatise on Probability* Part III; B. Bosanquet, *Essentials of Logic;* R. M. Eaton *General Logic:* (Part III).

(*b*) *Metaphysics.*

A study of fundamental problems of philosophy in the literature of contemporary authors and in the classical philosophies from Descartes to Kant. The general issues of rationalism and empiricism, realism and subjectivism, idealism and naturalism are dealt with in connexion with such specific questions as the nature of space, time, cause, substance, relations, universals; theories of perception and memory; the nature and criterion of truth, the nature of mind or self and its relation to the body, to nature and to teleology and value.

A syllabus of essential reading will be provided.

B. Russell's *Problems of Philosophy* (Home University Library), J. Laird's *A Study in Realism* and A. E. Taylor's *Elements of Metaphysics* give useful surveys of the field. G. F. Stout's *Mind and Matter* is recommended as an advanced treatment of essential topics.

Prerequisite: Philosophy I and either 3 or 4.
Mon., Wed., Fri., at 10 or an hour to be arranged.
Professor

7. Kant and His Influence on Modern Philosophy.

A careful reading of *The Critique of Pure Reason* and of selections from *The Critique of Practical Reason* and *The Critique of Judgment.*
Two hours .....Professor MacKay.

8. Plato and Aristotle.

Seminar for advanced students who have taken Philosophy 3 or are Honours students in Classics. Portions of the prescribed dialogues of Plato and selections from Aristotle are read in class and their problems discussed. Standard translations are used, but reference is made to the originals for textual and other questions of interpretation.

Selection for 1932-33:—Plato: *Protagoras*, *Theaetetus*, *Philebus*, *Timaeus* (portions). Aristotle: *Ethica Nicomachea* (Books I-IV, VI, VII, X) (Trans. Ross or Peters); *De Anima* (portions).

Mon. and Fri., 2.30-4 or at hours to be arranged. . Professor

9. Seminar on Contemporary Philosophy.

One meeting a week, two hours.

Professors MacKay and Hendel.

10. Ethics.

Advanced Course. Study of Aristotle, *Ethics*; Spinoza, *Ethics*; Kant, *Ethics* (tr. Abbott, Longman's), W. E. Hocking, *Human Nature and its Remaking* (Yale Univ. Press), W. Fite, *An Adventure in Moral Philosophy* (Lincoln MacVeagh), and other contemporary discussions.

Prerequisite Philosophy 2. Students of the Graduate Faculty are permitted to take this course without fulfilling the above prerequisite, but only with the express consent of the Chairman.

Two Conferences, Mon. and Thu., at 4.30, or any other hours that can be arranged.

This course will be given 1932-33 and alternate years (Cf. Philosophy 5).

HONOUR COURSES

Second Year:—Philosophy 1 and Psychology 1.

Third Year:—Three general courses, 2, 3, and 4, and any one full course selected from the recommended list given below.

Fourth Year:—Three advanced courses, and any one full course selected from the following list:—

Psychology 2, 4, 5, 7, 8, 16, 17.
English 6, 7, 9, 10, 16, 17, 19.
History 1, 7.
Sociology 2, 5, 6, 7, 11.
Mathematics 3, 4, 5, 8, 10, 11, 12.
Botany 2.
Economics and Political Science 2, 3, 4, 9 or 10.

For any combined Honour Course the requirements of Philosophy are five full courses, including Philosophy 1.

For Graduate Courses see page 458.

DEPARTMENT OF PHYSICS

DIRECTOR:—A. S. EVE.

PROFESSORS:—L. V. KING. A. N. SHAW. D. A. KEYS. J. S. FOSTER.

ASSOCIATE PROFESSORS:—A. H. S. GILLSON. H. E. REILLEY.

ASSISTANT PROFESSOR:—W. H. WATSON.

LECTURER IN ASTRO-PHYSICS:—A. V. DOUGLAS.

SESSIONAL LECTURER:—H. G. I. WATSON. (1931-32)

DEMONSTRATORS:—(1931-32) T. N. WHITE. F. R. TERROUX. W. LYONS. W. K. DUNN. J. KATZMAN.

INSTRUCTOR IN LABORATORY TECHNIQUE:—H. T. PYE.

1. General Course.

Mon., Wed., and Fri., at 2, or at 3 (*by permission*); laboratory, Tu. 2–4, or Wed., 4–6, or Th. 2–4. ..... Professor Keys.

Text-books:—Kimball's College Physics (Holt); Laboratory Manuscripts (Renouf Publishing Co.).

1C. Commerce First Year.

Mon. and Tu., at 4; Laboratory as in 1.

Professor Reilley.

2P. General Course (Advanced). Open to Second Year pre-medical and pre-dental students; also available for other Arts and Science students. (Physics 1 or equivalent, prerequisite.)

Tu., Th., at 3, Wed. at 11, laboratory with Physics 1. Professor Reilley.

Text-books:—Duff's Text-book on Physics (Blakiston); Laboratory Manuscripts (Renouf Publishing Co.). *Reference books:*—Daniel's Text-book on Medical Physics (Macmillan); Jones, Electricity and Magnetism (Lewis).

2. Heat, Sound and Light. (Engineering 311, Lab. 312.)

Tu., Th., Sat., at 11; laboratory, Wed. 11–1, or Wed., 2–4.

Professor Shaw.

Text-books:—Duncan and Starling's Heat, Light and Sound (Macmillan); Laboratory Manuscripts (Renouf Publishing Co.).

3A. Electricity and Magnetism. (Engineering 315, Lab. 316.)
Mon., Fri., at 11; laboratory, Mon. or Fri. 2–5.
Dean Eve.
Text-books:—Hadley's Magnetism and Electricity for Students (1926 ed. Macmillan).

3B. Statics and Hydrostatics.
One hour (*to be arranged*).....Professor Reilley.
Text-book:—Loney's Statics and Dynamics (C.U.P.).

4. Dynamics.
Two hours, first term; one hour, second term. (A half course combined with Mathematics 5 to form a three-hour unit); Tu., Th., Sat., at 9.....Professor W. H. Watson.
Text-book:—Loney's Statics and Dynamics (C.U.P.).

5A. Properties of Matter.
One hour. Sat., at 10; laboratory, three hours.—Professor Foster.
Text-book:—Newman and Searle, "General Properties of Matter" (E. Benn Co.).

5B. Statics, Dynamics of a Particle and Rigid Dynamics.
Tu., Th., at 10.....Professor King.
Text-books:—Lamb's Statics and Lamb's Dynamics (C.U.P.).

6A. Electrical Measurements. (Graduate A.)
Wed., Fri., at 9; laboratory, Wed., 11-1; 2-5..Professor W. H. Watson.
Reference books:—Laws' Electrical measurements (McGraw-Hill); Starling's Electricity and Magnetism (Longmans); Pidduck's Treatise on Electricity (C.U.P.); Hague's Alternating Current Bridge Methods (Pitman, London).

6B. Light. (Graduate B.) (Replaced by 8B in alternate sessions.*)
Mon., at 9; laboratory Mon., 2-5.
Professor Keys and Dr. Douglas.
Text-books:—Edser's Light (Macmillan); Wood's Physical Optics (Macmillan).

6C. Electricity. (Engineering 318.)
Mainly for Electrical Engineering students. (See p. 280.)
Second term; Tu., Th., at 9.....Professor Keys.

---

*Courses 6B and 8B will be given in alternate sessions as follows:—6B in '32-'33, '34-'35, etc., and 8B in '33-'34, '35-'36, etc.

7A. Electromagnetic Theory. (Graduate C.)
Th., at 11.....Professor Keys.
Text-books:—Pierce's Electric Oscillation and Electric Waves (McGraw-Hill); and Elements of Electricity and Magnetism, by J. J. Thomson (C.U.P.).

7B. Mathematical Physics. (Graduate D.)
Tu., Sat., at 11.....Professor Foster.
Text-books:—Houston's Introduction to Mathematical Physics (Longmans), and Page's Introduction to Theoretical Physics (Von Nostrand).

8A. Molecular Physics. (Graduate E.)
Wed., Fri., at 10.....Professor Shaw.
Text-book:—Crowther's Ions, Electrons and Ionizing Radiation (E. Arnold).

8B. Theory of Heat. (Graduate F.) (Replaced by 6B in alternate sessions.*)
Mon., at 9 (laboratory, †Monday, 2-5).
Professor Shaw and Dr. Douglas.
Text-book:—Robert's Heat and Thermodynamics (Blackie).

9. Radioactivity. (Graduate G.)
Two hours, second term .....Dean Eve.
Text-book:—Rutherford's Radioactive Transformation (C.U.P.).

10. Vector Analysis. (Graduate H.)
Two hours; first term.....Dean Eve.
Text-book:—Coffin's Vector Analysis (Wiley).

Honour Courses in Mathematics and Physics

Prerequisites:—High standing in Mathematics 1; Physics 1 or 2. First Year students intending to take these Honour courses are advised to take Physics 2 and the advanced section of Mathematics 1.

Second Year:—Mathematics 3, 4, 5; Physics, 3, 4; (Chemistry and English recommended as other subjects to be chosen).

Third Year:—Mathematics 6, 7; Physics 5, 6.

---

*Courses 6B and 8B will be given in alternate sessions as follows:—6B in '32-'33, '34-'35, etc., and 8B in '33-'34, '35-'36, etc.

†The Department of Metallurgy kindly permits students to do additional practical tests in the Metallurgical Laboratory.

Fourth Year:—Mathematics 10, 11; Physics 7, 8, 9, 10.

Third and Fourth Year Honour students are invited to attend the Journal Club, Colloquium and Physical Society.

A reading knowledge of scientific French and German should, if possible, be obtained before the end of the fourth year.

See page 120 for course in Engineering Physics.

GRADUATE COURSES IN PHYSICS

See page 458.

DEPARTMENT OF PHYSIOLOGY

PROFESSOR OF PHYSIOLOGY:—JOHN TAIT.
RESEARCH PROFESSOR:—BORIS P. BABKIN.
ASSISTANT PROFESSOR:—N. GIBLIN.
LECTURER:—S. DWORKIN.
DEMONSTRATORS:—D. A. ROSS. G. F. SUTHERLAND.

1. **Introductory Course.**
This course, which serves as an introduction to the subject for medical students, is likewise designed to meet the needs of students of Psychology or of any other student who wishes to make acquaintance with Physiology. Students of Biology will find it valuable as giving an insight into the experimental side of their subject.

Along with the lectures a short laboratory course will be given, this latter being only for students who are not simultaneously taking or have not already taken a course in Anatomy or Zoology. The total time, with laboratory, is about 3 hours a week.

2. **Intermediate Course.**
Three lectures, one demonstration and six hours laboratory work a week. October to December.

3. **Senior Course.**
Two lectures, one demonstration and six hours laboratory work a week. December to February.
For advanced Lectures and other Advanced work in Physiology see the Announcement of the Faculty of Graduate Studies and Research.

GRADUATE COURSES IN PHYSIOLOGY

See page 464.

REQUIREMENTS FOR HONOURS (B.Sc.) IN PHYSIOLOGY

First Year: As for 1st year B.Sc.
Second Year: Introductory Course in Physiology.
Third Year: Intermediate Course and Senior Course.
Fourth Year: Advanced Lectures.

In addition to the above courses the student must have completed an adequate course of study in other departments before being admitted to the degree. Generally speaking there are three approaches to Physiology: (1) through Physics and Mathematics; (2) through Chemistry, Physical Chemistry and Biochemistry; (3) through Zoology, Botany, Comparative Anatomy and Histology. Any proper selection or combination of courses from these three groups—in regard to this matter the Dean of the Science Division and the Professor of Physiology should be consulted—may suffice for the purpose. As a guide in planning a curriculum, it may here be said that the courses listed as necessary for the first three years of study for Honours B.Sc. in Biochemistry or for Honours B.Sc. in Bacteriology are equally and eminently suitable for the first three years of study for Honours B.Sc. in Physiology.

If a student has taken the Introductory Course in Physiology in his first year, he shall either take the conjoint course at a later stage or, better, General Zoology.

In addition to the ordinary course examinations of each successive year, the student may be required to pass a general examination in Physiology at the end of his 4th year.

DEPARTMENT OF PSYCHOLOGY

PROFESSOR AND DIRECTOR OF THE PSYCHOLOGICAL LABORATORY:—
WILLIAM D. TAIT

ASSOCIATE PROFESSOR:—CHESTER E. KELLOGG.

LECTURER:—N. W. MORTON.

DEMONSTRATOR:—E. C. WEBSTER.

1. **Introduction to Psychology.** Second Year.
Lectures, experiments and reports.
Mon., Wed., at 10, and one laboratory period to be arranged. This course is a prerequisite for all other courses.
Professor Tait, Mr. Morton and Mr. Webster.

2. **Advanced Psychology.** Third and Fourth Years.
General principles, selected topics from comparative, genetic, experimental, differential, and social psychology, with applications. Lectures, experiments, and readings following syllabus issued by the instructor.
Mon., Wed., Fri., at 11.....Professor Kellogg.

3. **Experimental Psychology.** Third and Fourth Years.
A comprehensive training course in laboratory technique, including the methods of summarizing quantitative data, with readings from the standard texts and from original articles illustrating current trends. Graduate students taking the course for credit must also pass an examination on Boring's History of Experimental Psychology. Laboratory periods Mon., Wed., 2 to 4; conferences or lectures Fri., at 2.....Professor Kellogg and Mr. Morton.

4. **Physiological and Experimental Psychology.** Third and Fourth Years.
First term, structure and functions of the nervous system; second term, advanced experimental psychology, theory and technique. Lectures, readings and reports.
Open only to students who have passed or take concurrently Course 2 or Course 3.
First term: Mon., Wed., Fri., at 10; second term, to be arranged. (Given in 1932-33.)
Professors Tait and Kellogg.

5. **Comparative Psychology.** Third and Fourth Years.
History, working hypotheses and methods of comparative psychology; evolution of nervous system; tropisms; instinct; special sense organs and discrimination; the learning process; social life; recent studies of the primates, primitive man, and race differences. Lectures, readings and reports (half course).
Open only to students who have passed or take concurrently Course 2 or Course 3 or are working in Biology as a continuation subject.
First term: Mon., Wed., and Fri., at 10.....Professor Kellogg. (Given in 1933-34.)

6.* **Child Psychology.** Third and Fourth Years.
The Mental Development of the Pre-School Child.
Lectures, readings and reports (half course).
Prerequisite:—Course 5, taken previously or concurrently.
Second term: Tu., Th., Sat., at 10.....Professor Tait. (Given in 1933-34.)

7.* **Human Motivation.** Third and Fourth Years.
An approach to a scientific theory of human conduct—individual and collective.
Lectures, readings and reports.
Prerequisite:—Course 2 taken previously or concurrently.
Tu., Th., Sat., at 10. Given in 1932-33.....Professor Tait.

*Courses marked thus are primarily for Honour and Graduate students but may be taken by others with approval of the department.

8.* **General Introduction to Aesthetics.** Third and Fourth Years. Foundations in individual and social psychology; comparative mythology; the theory of language; study of literature, music, and the fine arts as social institutions; experimental æsthetics; general theory of beauty.
Lectures, readings, and a thesis.
Prerequisite:—Course 2 or Course 7, taken previously or concurrently, or continuation work in literature, music, or philosophy.
Tu., Th., Sat., at 9.....Professor Kellogg.
(Given in 1933-34.)

9.* **Educational Psychology.** Third and Fourth Years.
Mental inheritance; the learning process; motivation and economy of learning; transfer of training; mental hygiene; educational and vocational guidance; selection and co-ordination of subject-matter; improvement of teaching methods; measuring results of teaching.
Lectures, reading, and a thesis.
Prerequisite:—Course 2 or Course 3, taken previously or concurrently.
Tu., Th., Sat., at 11. Given in 1932-33.....Professor Kellogg.

10*. **Mental Measurements.** Third and Fourth Years.
Lectures, practical testing, reports (half course).
Prerequisite:—Course 3, taken previously or concurrently.
First term: Tu., Th., Sat., at 10.....Professor Tait.
(Given in 1933-34.)

11.* **Educational Measurements.** Third and Fourth Years.
Training in administration and interpretation of results of standard tests in both elementary and secondary school subjects.
Lectures, readings, practice testing, and reports.
Prerequisite:—Course 10.
Second term: Mon., Wed., and Fri., at 10.....Professor Kellogg.
(Given in 1933-34.)

12. **Vocational and Industrial Psychology.** Third and Fourth Years.
Lectures, readings and reports.
Prerequisite:—Course 3, taken previously or concurrently.
First term: Tu., Th., Sat., at 11.....Professor Tait.
(Given in 1933-34.)

13.* **History of Modern Psychology.** Third and Fourth Years.
Lectures, readings and reports.
Three hours per week to be arranged.....Mr. Morton.

*Courses marked thus are primarily for Honour and Graduate students but may be taken by others with approval of the department.

Honour Courses

Students contemplating Honours must take Psychology I and Philosophy I in Second Year and are advised to include Biology and Elementary German in either first or second year. Admission to Honours will depend upon the student's standing in Psychology and related subjects.

Third Year:—At least two courses in Psychology, including either 2 or 3. The remaining courses *may* be selected, *subject to the approval of the Chairman*, from the following:—Practical Mathematics, Elementary Analysis, Calculus, History of Philosophy, Logic and Metaphysics, Genetics, Physiology, Neurology, Comparative Anatomy, Scientific German and French, Education, Sociology or Economics. The courses selected must be relevant to the candidate's field of specialization in Psychology.

Fourth Year:—Four full courses, as in third year, except that course 2 may not be counted as an Honour Course in 4th year. At the end of the Fourth Year Honour students are required to take a comprehensive examination covering the whole field. This examination may be either oral or written.

The requirements for Honours in Psychology and other subjects are two courses in Psychology and two in the other subject selected, each year.

Graduate Courses

See page 464.

DEPARTMENT OF ROMANCE LANGUAGES

Professor:—R. du Roure.

Associate Professors:—P. Villard. George E. Lemaitre.

Assistant Professors:—Mme. Touren Furness. L. d'Hauteserve.

Lecturer:—Mlle. C. Henry.

FRENCH

Owing to the position which the University occupies in the midst of a very large French-speaking population, the Department enjoys the opportunities afforded by French church services, French newspapers, French theatres, French literary clubs and public lecture courses in the French language. It maintains in consequence a particularly high standard in the study of French. Every lecture, even in the First Year, is

given in French, and the complete course of studies is so combined as to give the students not only a theoretical knowledge of French grammar and literature, but a practical ability to talk, read and write French correctly and fluently.

Both oral and written examinations are held on each year's work.

The oral examination (in both General and Honour courses) counts for 50 per cent.

As there is no oral matriculation examination in this subject, a considerable number of students undertake the work without any knowledge of spoken French. A special section in the First Year is therefore provided for such students, but it is not possible to acquire fluency in the language without extra work. Students who are deficient in this respect, and especially those taking French as a continuation subject, are therefore urgently advised to follow the French Summer School course either before or after their First Year.

1. **French Language and Literature.** First Year.
Section A, Mon., Wed., Fri., at 9; Section B, Mon., Wed., Fri., at 11....Professors Villard, Lemaître, Furness, d'Hauteserve and Mlle Henry.

Texts:—(*a*) General Course.—Green and Fort, French Composition (Oxford); or Coindreau and Lowe French Composition Book (Holt); Lavisse, Histoire de France, Cours moyen; Maupassant, Contes Choisis; A. Dumas, Les Trois Mousquetaires (Heath); Hugo, Gavroche (Oxford). (*b*) Advanced Course.—D. L. Buffum, French Short Stories (Holt); Racine, Andromaque (Ginn); Jules Romain, Knock ou le Triomphe de la médecine (The Century Co.); Molière, Les Précieuses Ridicules (Heath); Moraud, French Composition (Oxford); Lavisse, Histoire de France, Cours moyen.

2. **French Language and Literature.** Second Year.
Section A, Tu., Th., Sat., at 9; Section B, Tu., Th., Sat., at 11. Professors Furness, Lemaître, d'Hauteserve and Mlle. Henry.

Texts:—Des Granges, les grands écrivains français (Hatier); Molière, Le Bourgeois Gentilhomme (Holt); Augier, Le Gendre de M. Poirier (Heath); Mérimée, Colomba (Heath); Moraud, French Composition (Oxford).

3. **French Literature.** Second Year. (Honour Course.)
Tu., Th., Sat., at 11.....Professors du Roure and Furness.

Texts:—Corneille, Le Cid (Holt); La Bruyère, Caractères; Molière, Les Femmes savantes (Macmillan); Musset, Trois Comédies; (Heath); Hugo, Ruy Blas (Holt); P. Hervieu, La Course du Flambeau (Heath); Louis Hémon, Maria Chapdelaine; Cons. Anthologic littéraire de la Renaissance française (Holt).

4. French Literature of the XVIIth and XVIIIth Centuries. Third Year.

Mon., Wed., Fri., at 10.....Professor Lemaître and Mlle. Henry.

Texts:—Des Granges, Morceaux choisis, Classes de Lettres (Hatier); Corneille, Polyeucte; Racine, Phèdre; La Fontaine, Fables (Hatier); Des Granges, Précis de Littérature Française (Heath); Marivaux, Le Jeu de l'Amour et du Hasard (Macmillan); Beaumarchais, Le Barbier de Séville (Ginn).

Home Readings: Molière, L'Avare (Hatier); Lesage, Gil Blas (Heath); Voltaire, Zadig (Hatier).

Prose Composition:—Nicholson and Brennan, Passages for Translation into French (Oxford).

5A. Modern France—Political and Social Institutions. Third and Fourth Years.

First term: Mon., Wed., Fri., at 12.....Professor du Roure.

Text:—Lanson et Desseignet, La France et sa civilisation (Holt).

5B. Modern France: Development of Political, Social, Religious and Philosophical Thought. Third and Fourth Years.

Second term: Mon., Wed., Fri., at 12.....Professor du Roure.

Text:—Lanson et Desseignet, La France et sa civilisation (Holt).

6. French Literature of the XIXth and XXth Centuries. Fourth Year.

Mon., Wed., Fri., at 10.....Professors du Roure and Furness.

Texts:—Hugo, Hernani; Balzac, Le Père Goriot; G. N. Henning, Representative French Lyrics of the Nineteenth Century (Ginn), Des Granges, Précis de Littérature Française (Hatier); Des Granges, Morceaux choisis, Classe de Lettres (Hatier); Paul Bourget, Un disciple; E. Rostand, Cyrano de Bergerac.

Home Readings: Chateaubriand, René; Flaubert, Trois Contes; Guy de Maupassant, Contes choisis; A. Daudet, Le Petit Chose; Anatole France, Le Livre de mon ami.

Prose Composition:—Nicholson and Brennan, Passages for Translation into French (Oxford).

7. History of the French Language. Third and Fourth Years. (Honour Course.)

Sat., at 10.

(Given in 1933-34.)

Texts:—Darmstetter, Cours de Grammaire Historique, Parts I and II.

8. History of the French Novel.
Third and Fourth Years (Honour Course).
Tu., Th., Sat., at 12.....Professor du Roure.
(Given in 1932-33.)

9. History of the French Theatre of the XIXth Century.
Third and Fourth Years (Honour Course).
Th., Sat., at 10.....Professor Lemaître.
(Given in 1933-34.)

10. History of the French Lyrics.
Third and Fourth Years (Honour Course).
Tu., Th., at 12.....Professor du Roure.
(Given in 1933-34)
Text:—G. N. Henning, Representative French Lyrics of the Nineteenth Century (Ginn).

11. Survey of Contemporary French Literature. Third and Fourth Years (Honour Course).
Tu., Th., Sat., at 10.....Professor Lemaître.
(Given in 1932-33.)

12. French Commercial Course. Second Year.
Mon., Wed., Fri., at 12.....Professor Villard.
Texts:—(*a*) Des Granges, Littérature Française (Hatier); Sand, La Mare au diable (Ginn); Daudet, Lettres de mon moulin (Oxford); (*b*) Carroué, Manuel de correspondance commerciale; Renault, Lectures commerciales (Oxford).
Home readings:—Augier, Le Gendre de M. Poirier; Mérimée, Contes et nouvelles (Oxford).

13. French Commercial Course. Third Year.
Mon., Wed., Fri., at 10.....Professor Villard.
Texts:—(*a*) Des Granges, Précis de littérature française; Montesquieu, Lettres persanes (Macmillan); T. B. Rudmose-Brown, French Short Stories (Oxford); Chateaubriand, Atala (Heath); (*b*) Janau, Commercial correspondence (Longmans); Daniel Massé, Initiation économique (Hachette); Fèvre, Nouvelles leçons de géographie (Alcan).
Home readings:—Jago, La France qui travaille (Heath); Mérimée, Colomba.

14. French Commercial Course. Fourth Year.
Mon., Wed., Fri., at 9.....Professor Villard.
Texts:—Clerget, Manuel d'économie commerciale; Gide, Principes d'économie politique; Lanson et Desseignet, La France et sa civilisation (Holt); Fèvre, Nouvelles leçons de géographie (deuxième année) Alcan.
Home readings:—Roe, La France laborieuse (Nelson); Calvert, The French newspaper.

15. French Science Readings. First Year, B.Sc. Course.
Tu., Th., Sat., at 9.....Professor d'Hauteserve.
Texts:—Greenfield and Babson, Industrial and Scientific French (Ginn); J. Verne, Vingt mille lieues sous les mers (Heath); J. Verne, Le tour du monde en quatre-vingts jours.

HONOUR COURSES IN FRENCH

Prerequisite:—1.
Second Year:—2 and 3.
Third Year:—4, or 5A and 5B; 7, 9 and 10, or 8 and 11, and a full course in another subject approved by the Head of the Department.
Fourth Year:—6, or 5A and 5B; 8 and 11, or 7, 9 and 10, and a full course in another subject approved by the Head of the Department.

FRENCH REQUIREMENTS FOR THE HONOUR COURSE IN FRENCH AND OTHER SUBJECTS:

Second Year:—2 and 3.
Third Year:—4, or 5A and 5B; and either 8, 11, 7 and 9, or 10.
Fourth Year:—6, or 5A and 5B; and either 7 and 9, 10, 8, or 11.

M.A. COURSES

See page 467.

DEPARTMENT OF SOCIOLOGY

PROFESSOR:—CARL ADDINGTON DAWSON.

ASSISTANT PROFESSOR:—EVERETT CHERRINGTON HUGHES.

ASSISTANTS:—HELEN MACGILL HUGHES. LLOYD REYNOLDS. JOHN BERRY.

1. Introduction to the Study of Society. Second Year.
An environmental approach to the study of human nature and behaviour; an objective and scientific analysis of human relations.
(*a*) Tu., Th., Sat., at 12.....Professors Dawson and Hughes.
(*b*) Tu., Th., Sat., at 11.....Professors Dawson and Hughes.

2. The Community. Third and Fourth Years.
The community as the unit of approach in the study of the social, industrial and political phases of urban and rural life.
(Given in 1933-34).....Professor Dawson.

3. Immigration. Third and Fourth Years.
Canadian population, racial origins, racial differences and race relations; social effects of migration and immigration; selection and assimilation of immigrants.
First term: Tu., Th., Sat., at 9.....Professor Dawson.

4. Social Disorganization. Third and Fourth Years.

The nature and extent of social disorganization; social disorganization in relation to personal disorganization; demoralization connected with unemployment, casual labour and individual disabilities.

(Given in 1933-34).....Professor Hughes.

5. Social Origins. Third and Fourth Years.

The culture and social organization of primitive or pre-literate peoples, including anthropological data on:—Marriage and kinship; property and the division of labour; magic, religion and science; taboos, customs and morals; myth, folklore and legend; art, ornament and decoration; war, slavery, punishment and the state; the mind of primitive man.

First term: Mon., Wed., Fr., at 9.....Professor Hughes.

6. Social Movements. Third and Fourth Years.

The natural history of typical social movements, such as revivals, migrations, revolutions, reform and political movements; classification of such movements; the "life-cycle" of a social movement; social movements in relation to social change.

Second term; Mon., Wed., Fri., at 9.....Professor Hughes.

7. The Family. Third and Fourth Years.

Its natural history; biological, economic, religious, educational and legal aspects of family life; present-day disorganization of family life; family standards of living and their social significance.

Second term; Mon., Wed., Fri., at 10.....Professor Dawson.

8. Social Research. Graduate Seminar. Research projects, theory and methods.

Hours to be arranged ..... Professor Hughes.

9. The Sociology of the Child. Third and Fourth Years.

The child as a developing personality; the normal cycle of social growth in the family; modern supplementary institutions for the child, such as the school, the playground and the social agency.

(Given in 1933-34.) ..... Professor Hughes.

10. Culture Areas in Canada. Third and Fourth Years.

The application of anthropological and sociological methods to the study of culture areas in Canada. Research projects to discover the indices of culture organization and social change in the various areas; the conflict of British, American and Canadian culture patterns in Canada.

(Not given in 1932-33).....Professor Dawson.

Honour Courses

Second Year:—Course 1 and two courses selected from any two of the allied departments of economics, psychology, philosophy and history.

Third Year:—Three full courses from 2 to 10.

Fourth Year:—Any three full courses from 2 to 10 other than those selected in the Third Year.

At the discretion of the Department certain courses in other departments may be substituted for certain courses in Sociology. A liberal use is made of the courses of allied departments.

Students taking honours in Sociology and one other subject are required to take two courses in each department.

Graduate Courses

For graduate courses in Sociology, including courses in Social Institutions and Social Attitudes and Personality, see page 468.

DEPARTMENT OF ZOOLOGY

Professors:—{Arthur Willey (on leave).
H. B. Fantham

Associate Professor:—N. J. Berrill.

Assistant Professor:—V. C. Wynne-Edwards.

Lecturers:—{Jean T. Henderson.
B. W. Taylor.

Demonstrators:—{M. Notkin.
K. Terroux.

Technician:—W. Pollack.

Natural Science. 1. (Botany, Geology, Zoology.)
A conjoint course outlining briefly the nature and evolution of the earth and its inhabitants.
Mon., Wed., Fri., at 12.....Professor Berrill.

Zoology 1. (General Zoology.)
Tu., Th., at 12; laboratory Wed., 2-5.....

Zoology 2. (Vertebrate Zoology.)
Tu., Th., at 10; laboratory Fri., 2-5.

Zoology 3. (Invertebrate Zoology.)
Mon., Wed., at 10; laboratory Tu., or Th., 2-5.
Professors Wynne-Edwards & Berrill.

Zoology 4A. (Ornithology.) First term.
Zoology 4B. (Arthropoda.) Second Term.
Tu., Th., at 12; laboratory Tu., or Th., 2-5.
Professor Wynne-Edwards.
Zoology 5A. (Comparative Embryology.).
First term....Professors Berrill, Wynne-Edwards & Mr. Taylor.
Zoology 5B. (Experimental Zoology.)
Second term; Mon., Fri., at 12; laboratory Mon., 2-5....Dr. Terroux.

The conjoint course in Natural Science is not necessarily a prerequisite for Zoology 1, but Zoology 1 must be taken before Zoology 2, 3, 4, 5. Students taking Zoology 4A are advised to take Zoology 2 before or at the same time, those taking Zoology 4B should take Zoology 3. Physiology 1 is a desirable course in conjunction with either Zoology 2 or 3, while Chemistry 4, Physiology 2, or Botany 4A are desirable in conjunction with Zoology 5.

REQUIREMENTS FOR HONOUR B.Sc. DEGREE IN ZOOLOGY

First Year: As for general B.Sc.
Second Year: Zoology 1, Physiology 1, Chemistry 2, Colloid Chemistry, Chemistry 4, Physics 2P.
Third Year: Zoology 2, Zoology 4, Botany 2, Botany 4A, Geology 12, and Mathematics 1B, or 2, or a special course.
Fourth Year: Zoology 3, Zoology 5, Anatomy (Primates) 1, Physiology 2 and 3, Botany 5 (Cytology), and a course in advanced Zoology.

If a student has taken Zoology 1 in his first year he shall take an additional course in advanced Zoology in his fourth year, or another course at the discretion of the department.

Honour students will be required to take a general examination in Zoology at the end of the fourth year in addition to the ordinary course examinations.

For Graduate Courses see page 471.

DEPARTMENT OF PHYSICAL EDUCATION

DIRECTOR, DEPARTMENT OF PHYSICAL EDUCATION:—ARTHUR S. LAMB
UNIVERSITY MEDICAL OFFICER:—F. W. HARVEY.
ATHLETIC MANAGER:—D. S. FORBES.
TRACK COACH AND ASSISTANT PHYSICAL DIRECTOR:—
F. M. VAN WAGNER.
ASSISTANT PHYSICAL DIRECTOR:—HAY FINLAY.

At the time of his medical examination (see page 105), each student is asked to fill in a card indicating his choice of physical activity, which he will be allowed to follow unless debarred for medical reasons, in which case he is given a further choice among other recognized but less

strenuous forms of exercise or does gymnasium work as the case may require.

Physical education is compulsory for all students of the first two years. Two hours per week are devoted to it.*

Any student participating in competitive athletics may be excused from other forms of exercise during the season of training at the option of the Director.

Unexcused absences up to one-eighth of the required number of periods are allowed. Unexcused absences exceeding one-eighth, but not exceeding one-fourth, may be allowed if, at the end of the session, the student passes a special examination and satisfies the Director that he has made sufficient progress. Unexcused absences exceeding one-fourth disqualify a student. Such students are required to take extra gymnasium class work to the satisfaction of the Director, either by taking a supplemental school in September or by repeating the course in full.

No student in default is allowed to proceed to the next year of his course unless for special reasons exemption should be granted on the recommendation of the Faculty and approved by the Committee on Physical Education.

Not less than one month before the conferring of degrees, the Director furnishes to the Registrar of the University, for transmission to Corporation and the Faculty, a list of all students, being candidates for degrees at the forthcoming Convocation, who have failed to satisfy the requirements of the Committee on Physical Education, and no Diploma for a degree is issued to any such candidate except by express direction of Corporation.

All students in good standing, who are taking a course of study held to be sufficient by a special committee of the Faculty in which they are enrolled, are allowed to take part in athletics, subject, however, to the general regulation regarding medical examination.

Suspension from lectures for any cause, or absence from more than one-eighth of the total number of lectures given in any course, is considered sufficient grounds to disqualify a student from engaging in athletic contests.

During the session and including the Christmas holidays, all teams and individual students *desiring to participate in "outside athletics"*† must first apply to the Captain or Manager of the club concerned, who must secure the permission of the Athletic Manager, by whom all such sanctions are granted.

---

*NOTE:—Owing to lack of accommodation this requirement is suspended for the session 1932-33.

†"Outside Athletics" are athletics not under the control of the Athletic Board of the University or of the Intercollegiate Athletic Union.

Should any student take part in athletic contests, not having been sanctioned as above, or who is not personally qualified under the regulations regarding eligibility, medical examination, etc., such student shall be immediately debarred from participation in all University athletics. He shall be reported to the Athletic Board, which body shall, if it sees fit, request the offender to withdraw from the University, if the consent of the Principal has been given, until Corporation shall meet to deal with the matter.

(For further regulations see handbook published by the Athletic Board.)

FOR WOMEN (Royal Victoria College)

PHYSICAL DIRECTOR FOR WOMEN:—JESSE S. HERRIOTT.

UNIVERSITY MEDICAL OFFICER FOR WOMEN:—MARY CHILDS.

ASSISTANT PHYSICAL DIRECTORS FOR WOMEN:—ETHEL WAIN. RUTH HARVEY. ZERADA SLACK.

Undergraduate students in Arts are required by ruling of Corporation to take at least two hours work per week in this Department for the first three years of their course. Students in music must take two hours per week for two years.

Partial students may register for work in this Department on payment of $5.00 for a class of two periods per week.

To meet the requirements in the Department of Physical Education for Women, all undergraduate students should enrol for one class per week during the Outdoor season (Oct. 1-Nov. 1) and two classes per week during the Indoor season (Nov. 1-Apr. 26).

Outdoor Activities:

1. **Archery:** (Lower Stadium.)
   Monday 10 and 11, Tuesday 10, Wednesday 10, Thursday 11, Friday 10 and 11.
2. **Tennis:** (R.V.C. Courts.)
   Monday 12, Tuesday 11, Wednesday 11, Thursday 12.
3. **Volleyball:** (Behind R.V.C. Wednesday 12, Thursday 10.)

Indoor Activities:

1. **Elementary Gymnastics.** Indoor Session.
   Wednesday at 12. (R.V.C. Gym.)
2. **Intermediate Gymnastics.** Indoor Session.
   Tuesday at 12. (R.V.C. Gym.)

3. **Advanced Gymnastics.** Indoor Session.
Monday at 12. (R.V.C. Gym.)

4. **Elementary English Country Dancing.** Indoor Session.
Monday at 3. (R.V.C. Hall.)

5. **Elementary Interpretative Dancing.** Indoor Session.
Thursday at 9. (R.V.C. Hall.)

6. **Advanced Interpretative Dancing.** Indoor Session.
Wednesday at 11. (R.V.C. Hall.)

7. **Elementary Folk Dancing.** Indoor Session.
Wednesday at 2. (R.V.C. Gym.)
Characteristics of folk dances of different nationalities, their origin and background will be dealt with as well as the dances themselves.

8. **Advanced National and Character Dancing.** Indoor Session.
Friday at 12.
Prerequisite, Course No. 7.

9. **Badminton.** (R.V.C. Hall.) Indoor Session.
Elementary Sections:
Wednesday, at 12. Thursday, at 2.
(Beginners only are eligible to enrol.)
Advanced Sections:
Tuesday, at 11. Wednesday, at 9. Thursday, at 10.
Friday, at 11.
No student may enrol in an advanced section for more than one year or for more than one class a week. Racquets must be furnished by the students.

10. **Elementary Swimming.** Indoor Session.
Monday or Thursday, at 3. Knights of Columbus Pool.
Wednesday at 4. Knights of Columbus Pool.
(15c. per swim to be paid by each student to cover suit and towel service.)

11. **Advance Swimming.** Indoor Session.
Monday or Thursday 3.30-4. Knights of Columbus Pool.
Wednesday, 4.30.

12. **Elementary Basketball, Baseball and Volleyball.** Indoor Session.
Tuesday, at 2. (R.V.C. Hall.)
This course consists of:
October to March, Basketball.
March to May, Baseball and Volleyball.

13. **Advanced Basketball, Baseball and Volleyball.** Indoor Session.
This course consists of:
October to March: Monday at 5. Wednesday, at 4. (R.V.C. Hall.)
Thursday, at 5 for team practices. (Montreal High School.)
Same seasonal organization as for No. 12.

14. **Elementary Tennis.** Indoor Session (R.V.C. Hall).
Sections: Monday, at 12. Tuesday, at 9. Tuesday, at 3.
Thursday, at 11. Racquets must be furnished by the students.

15. **Archery.** Indoor Session. (R.V.C. Gym.)
Sections; Monday, at 11. Tuesday, at 11. Friday, at 10.

16. **Elementary Golf.** Indoor Session. (R.V.C. Gym.)
Sections: Monday, at 9. Friday, at 12.
Clubs must be furnished by the students.)
(Beginners only are eligible to enrol.)

17. **Postural Exercises.**
Students who are assigned to this work as a result of the health examination will be divided into small groups and suitable hours arranged.

18. **Hygiene Lectures required of all First Year Students.**
The last Monday of every month at 5. (Room 105, R.V.C.)
In the winter skiing, skating, ice-hockey, and horseback riding may be substituted for an indoor class if notice is given to the respective instructors and the activity is taken the same day.

SCHOLARSHIPS, MEDALS AND PRIZES IN ARTS AND SCIENCE

For details of Entrance Scholarships see Page 95.

GENERAL REGULATIONS

1. No student can be awarded more than one scholarship in Group B or C; in Group A, however, a student may hold more than one.

2. Scholarships will be awarded only if an adequate standard is attained.

3. If in any College Year there is not a sufficient number of candidates showing adequate merit, any one or more of the scholarships offered for competition may be given to more deserving candidates in another Year.

4. In order to retain his scholarship a successful candidate must proceed regularly with his college course to the satisfaction of the Faculty.

5. The annual income of the scholarships will be paid in four instalments, viz.:—In October, December, February and April, about the 20th of each month.

GROUP A.—SCHOLARSHIPS IN ARTS AND SCIENCE AWARDED ON THE RESULT OF THE SESSIONAL EXAMINATIONS

THE JANE REDPATH SCHOLARSHIP.—Founded by the late Mrs. Redpath, for the maintenance of a scholarship in Arts and Science. It is awarded on the result of the sessional examinations of the First Year to the student who makes the highest average on the year's work. Value of scholarship, $115.

THE BARBARA SCOTT SCHOLARSHIP.—Founded by the will of the late Barbara Scott to form an annual scholarship for the student "excelling in Classics in the First Year." Value $125.

THE JAMES DARLING MCCALL SCHOLARSHIP.—This scholarship was founded by J. T. McCall, Esq., in memory of his son, James D. McCall, B.Sc., who was drowned shortly after the war, in which he served with distinction. This scholarship is awarded each year to a male student of the Third Year of Arts and Science who has "given proof of scholarship and ability as an honour student in the subject of English and Philosophy." It is of the value of $275.

THE CHARLES WILLIAM SNYDER MEMORIAL SCHOLARSHIP.—This scholarship, founded by L. P. Snyder, Esq., in memory of his son, Charles William Snyder, a student of First Year Arts, who was killed in the Battle of Sanctuary Wood on June 2nd, 1916, is of the value of $250. It is awarded annually on the result of the examination in English and Economics of the Second Year, and is subject to the condition that the holder take an Honour Course in English, with Economics as a minor subject in his Third Year, or the Honour Course in English and Economics. It is open to male students in the Faculty of Arts and Science professing the Christian religion.

MACKENZIE SCHOLARSHIPS.—Four Mackenzie Scholarships are awarded annually in the Department of Economics and Political Science. Two, of $100 and $50 respectively tenable for one year, are awarded, on the results of the Second Year examination in Economics 1 and 2, to students whose courses have been approved by the Department but no student is eligible who has not completed the work of this Year. The tenure is conditional upon the holders taking the honour work in Economics and Political Science of the Third Year. The other two scholarships, of $100 and $50, are awarded on the result of the honour examination of the Third Year in Economics and Political Science. The scholarships will not be awarded except on satisfactory evidence of merit; their tenure is conditional upon the holders taking the honour work in Economics and Political Science of the Fourth Year.

A Fourth Year Mackenzie scholarship may be held by a student who holds another; a Third Year scholarship cannot.

THE SIR WILLIAM DAWSON SCHOLARSHIP.—Given by the New York Graduates' Society; value, $60.

THE DR. BARCLAY SCHOLARSHIP.—Awarded in the Classical Department; value, $50.

ROBERT BRUCE SCHOLARSHIP.—From a fund, created by the will of the late Robert Bruce, of Quebec City, one scholarship of annual value $100, tenable for three years, will be awarded for high standing in the examinations at the end of the First Year.

THE REFORD SCHOLARSHIP.—The interest on this fund, amounting to about $275 per annum, will be equally divided each year and placed at the disposal of the Department of English and Philosophy.

THE HOUSTON SCHOLARSHIP.—Founded by the will of Thomas Houston, to establish a scholarship for French students studying for the Presbyterian Ministry. It is open only to undergraduates in the Faculty of Arts and Science under the above restriction and is awarded on the result of the sessional examinations without regard to Year. The value is about $85.00.

THE HOWARD MURRAY SCHOLARSHIPS.—Two scholarships of $100.00 each will be awarded for the next session through the kindness of Howard Murray, Esq., to the two students who obtain the highest marks in French in the Third Year Commerce, and who continue their studies in this subject in the Fourth Year.

THE NATHAN FISH MEMORIAL SCHOLARSHIP.—This scholarship, of the value of $50.00, has been founded by the Chi Chapter of the Sigma Alpha Mu Fraternity in memory of Nathan Fish, a student in Pharmacy who died in 1925. It is awarded annually to the student obtaining the highest distinction in the Second Year honour subjects of the Department of English, or in any other courses which the authorities may select.

THE MARGARET JANE ALLAN SCHOLARSHIP.—This scholarship, of $300, was established in 1929 by a bequest to the Royal Victoria College from Mrs. Agnes W. Allan. It is awarded each year to the woman student in either the B.A. or the B.Sc. course in Arts and Science who obtains the highest standing in the sessional examinations of the First Year.

PETERSON MEMORIAL SCHOLARSHIP IN CLASSICS.—Founded in memory of Sir William Peterson, Principal of McGill University from 1899 to 1918, by his son, W. G. Peterson, M.A., who left a legacy of $10,000, to provide an annual scholarship to be known as the "Peterson Memorial Scholarship in Classics" and awarded to the most promising student in Classics in McGill University whom the Faculty of Arts and Science may select. Annual value, $500.00.

W. M. BIRKS SCHOLARSHIP.—A scholarship of $500 a year for four years established in the Department of Classics by Mr. W. M. Birks for a boy selected from certain British Public Schools.

GROUP B.—SECOND YEAR SCHOLARSHIPS IN ARTS AND SCIENCE AWARDED ON THE RESULT OF A SPECIAL EXAMINATION IN SEPTEMBER

Six scholarships, ranging in value from $100 to $150 each, will be offered for competition to students entering the Second Year in September, 1932.

The subjects of examination are divided into two groups, as follows:—

Group I.—Greek, Latin, French, German, English, History.

Group II.—Mathematics, Physics.

Candidates are required to offer two subjects, which must be selected from the same group.

Two scholarships of $150 each and two of $100 each are offered to candidates taking their subjects from Group I, and one of $150 and one of $100 to candidates taking their subjects from Group II.

One of these scholarships is "The Charles Alexander Scholarship," for men only, and is awarded for "classics and other subjects."

The above scholarships are open to all undergraduates in Arts and Science whether they are taking the B.A. or the B.Sc. course.

Notice of intention to take the examination for these scholarships must be sent to the Registrar before July 1st.

REQUIREMENTS IN EACH SUBJECT

Greek.

I. (*a*) Homer, Iliad iii.
(*b*) Plato, Laches.

II. Translation at sight.

Latin.

I. (*a*) Cicero, De Senectute.
(*b*) Cicero, Pro Archia.
(*c*) Horace, Odes Book ii.

II. Translation at sight.

French.

(*a*) Grammar; (*b*) translation at sight of an English passage into French; (*c*) French essay on a prescribed subject; (*d*) a critical study of the following texts, tested by questions in the French language to be answered in French:—

Corneille, Cinna (Holt); Molière, La Malade Imaginaire (Macmillan); Rudmose-Brown, French Short Stories (Oxford); Loti, Pêcheurs d'Islande (Rivington).

German.

(*a*) Grammar; (*b*) translation at sight from German into English and from English into German; (*c*) critical study and translation of the following texts:—

Goethe, Hermann und Dorothea (Holt); Fulda, Talisman (Heath); Hauff, Lichtenstein (Heath).

English.

Shakspere, Twelfth Night; Macaulay, History of England, Vol. I, Chap 3 (England in 1685); Scott, Marmion; Thackeray, Pendennis; George Eliot, The Mill on the Floss; Tennyson, The Coming of Arthur, The Last Tournament.

History.

Edward Gibbon: The Decline and Fall of the Roman Empire, Chaps. i-iii (inclusive), xv-xvii (inclusive), xx; C. and M. Beard: The Rise of American Civilization, Chaps. i-vi (inclusive); Hakluyt's Voyages, Everyman Edition (1926), vol. VI, pp. 1-38, 42-49, 115-132, vol. VIII, pp. 48-74; More's Utopia.

Mathematics.

Plane Geometry.—Godfrey and Siddon's Modern Geometry, omitting appendices.

Algebra.—Hall and Knight's Higher Algebra; also Fine's College Algebra (Ginn & Co.), pages 424 to 511.

Plane Trigonometry.—Carslaw's Plane-Trigonometry (Macmillan & Co.), except Chap. 13.

Physics.

Duncan and Starling's "Heat, Light and Sound" (Macmillan); and Bragg's "Concerning the Nature of Things."

GROUP C.—THIRD YEAR SCHOLARSHIPS IN ARTS AND SCIENCE AWARDED ON THE RESULT OF A SPECIAL EXAMINATION IN SEPTEMBER

Five scholarships, of the value of $300 ($150 per year for two years), are open for competition to students entering the Third Year in September, 1932.

Three scholarships will be awarded for subjects in Group I and two scholarships for subjects in Group II.

Group I.—Greek, Latin, English, French, German, History.

Group II.—Mathematics and Physics.

Candidates are required to offer two subjects which must be selected from the same group.

Of the above five scholarships two are known as "Sir William Macdonald Scholarships" and are open to men only.

The four following scholarships, of the value of $150 each, are also offered for competition to students entering the Third Year:—

One for Philosophy.

One for Psychology.

One for Chemistry.

(Of the above three scholarships, one is called a "Sir William Macdonald Scholarship" and is open to men only.)

One for Biology.

(This scholarship is called "The Major Hiram Mills Scholarship." It is open to both men and women.)

The four last mentioned scholarships may be awarded in any manner announced by the Departments interested.

A Bursary of $25 will be awarded to the holder of one of these four scholarships who is considered most deserving on entering the Fourth Year.

The Hannah Willard Lyman Exhibition of $80 is also awarded annually in the Fourth Year to the best woman student who may have been the holder of a Third Year scholarship in biology or chemistry or philosophy. Should there be no sufficiently deserving candidate, this exhibition may be awarded at the beginning of the Third Year to a woman candidate who may fail to obtain one of the five regular scholarships offered to Third Year students.

In the award of Third Year scholarships, the Second Year standing of candidates, in the subject selected, is taken into account.

In the event of no candidate of sufficient merit presenting himself, the scholarship assigned to any group of students may, at the discretion of the Faculty, be awarded in another group, whether a scholarship has been already assigned to that group or not.

Notice of intention to take the examination for these scholarships must be sent to the Registrar before July 1st.

REQUIREMENTS IN EACH SUBJECT

Greek.

Translation at sight.

Study of the following texts:—Euripides, Hippolytus; Homer, Iliad xxiv; Xenophon, Oeconomicus.

Latin.

Translation at sight.

Study of the following texts:—Cicero, Philippic ii; Virgil, Aeneid xii; Tacitus, Dialogus.

English.

Shakspere:—Hamlet; Milton, Paradise Lost, Books I and II; Ruskin, Sesame and Lilies, Crown of Wild Olive; Arnold, Essays in Criticism, Second Series.

History.

Pepys' Diary, 1659–1666 inclusive; Macaulay's History of England, Chaps. II-X inclusive; Francis Parkman; The Old Régime; G. M. Wrong, A Canadian Manor and its Seigneurs.

French.

(*a*) Translation at sight from English into French; (*b*) questions on the subject matter of the following texts, and the lives of their authors:—Molière: Le médecin malgré lui (Heath); Racine: Andromaque (Heath); Rostand: Cyrano de Bergerac (Holt); Hugo; Ruy Blas (Holt); Rudmose Brown; French short stories (Oxford); Taine: L'Ancien Régime (Heath).

The entire examination is held in the French language.

German.

(*a*) Translation at sight from German into English, and from English into German; (*b*) critical study and translation of the following texts:—Goethe, Dichtung und Wahrheit, Books I, II, III (Heath); Wallenstein's Lager (Holt); Eichendorff, Aus dem Leben eines Taugenichts (Holt); Heine, Prose Selections, Faust's edition (Macmillan); Schiller Piccolomini, *and* either Schiller, Wilhelm Tell *or* Maria Stuart.

Mathematics and Physics.

CALCULUS:—Fundamental principles relating to functions, limits and continuity; differentiation and integration of ordinary functions; geometrical applications; maxima and minima; curvature; areas; volumes; length of curves; mean values; approximate integration; Taylor's and MacLaurin's Series.

Books for reference:—Murray's Differential and Integral Calculus (or similar text books) and, most especially, Lamb's Infinitesimal Calculus, Chaps. I to VIII inclusive, and Arts. 122, 133, 138, and 183 to 187.

ANALYTICAL GEOMETRY:—The analytical treatment of the conic sections.

Books of reference:—C. Smith's Conic Sections, Chaps. I to X inclusive, and Arts. 222 to 229 inclusive.

PHYSICS:—E. V. Appleton's "The Thermionic Valve" (Methuen Co., London), and Maxwell's "Matter and Motion" (S.P.C.K.), excluding appendix.

An essay, prepared during the summer, must also be submitted giving an account of an investigation performed during the summer, or written on some topic selected by the student such as radio, meteorology, calorimetry, hydroelectric development, etc.

Philosophy.

Locke's Essay Concerning Human Understanding, Book I, and Book II, chaps. 1–23; Berkeley's Principles of Human Knowledge, paragraphs 1–33 inclusive, and the Three Dialogues Between Hylas and Philonous; Jevon's Lessons on Logic or Mellone's Text Book of Logic, complete.

Psychology.

Woodworth, Psychology.

Chemistry.

H. I. Schlesinger, General Chemistry (Longmans, Green & Co.).

Subject of Essay:—"Aqueous Solution."

Biology.

Animal Biology.—J. B. S. Haldane and Julian Huxley, Animal Biology (Oxford, Clarendon Press, Toronto).

Plant Biology.—The Biology of Flowering Plants by Macgregor Skene (London, Sidgwick and Jackson, Ltd., 1924).

An original collection of 100 species of flowering plants and ferns, properly named and mounted, must also be presented.

MEDALS IN ARTS AND SCIENCE

The following medals are awarded to the graduating students who stand highest in the First Class Honour List of the subjects named, provided the Faculty so recommends to Corporation:—

The Henry Chapman Gold Medal, for Classical Languages and Literature.

The Prince of Wales Gold Medal, for Mental and Moral Philosophy.

The Anne Molson Gold Medal, for Mathematics and Natural Philosophy.

The Shakspere Gold Medal, for English Language and Literature.

The Logan Gold Medal, for Geology, Mineralogy and Palæontology.

The Major Hiram Mills Gold Medal, for Biology.

The Governor-General's Gold Medal, for Modern Languages and Literature.

The Allen Oliver Gold Medal, for Economics and Political Science (founded by Mrs. Frank Oliver, in memory of her son, the late Allen Oliver, B.A., M.C., Lieutenant 26th Battery, C.F.A., who was killed in action at the Somme, on November 18th, 1916).

The Lieutenant-Governor's Silver Medal, in History.

Second Year Medal

The Lieutenant-Governor's Bronze Medal is awarded to the student standing highest in the Second Year in Latin and Mathematics.

In addition to the above, certain medals are offered annually by the Alliance Française, at the discretion of the Department of Romance Languages.

If there is no candidate for any medal, or if none of the candidates fulfil the required conditions, the medal is withheld, and the proceeds of its endowment for the year may be devoted to prizes in the subject for which it was intended.

PRIZES IN ARTS AND SCIENCE

1. The Neil Stewart Hebrew Prize.—An annual prize of $20 is open to all undergraduates and graduates of this University, and also to graduates of any other university who are students of theology in some college affiliated with this University. It is awarded on the result of the sessional examination in Hebrew of the Second Year.

2. Annie Macintosh Prize.—The income of the sum of $1,145 ($425 of which was subscribed by the pupils and friends of the late Miss Annie Macintosh, and $618.97 bequeathed by the late Miss I. G. Macintosh) is offered as a prize or prizes to students of the Royal Victoria College in such subject or for such work as the Faculty may determine.

3. Penhallow Prize.—The income of the sum of $1,100, collected by the Arts Undergraduates' Society in 1911, is awarded annually as a prize in the Department of Botany.

4. Henry Chapman Prize.—This prize, of the value of $15, is given in modern languages (excluding English), or in Hebrew.

5. The Chester Macnaghten Prize, of the value of $25 in books, established by Russell E. Macnaghten, Esq., M.A., in memory of his uncle, is awarded annually, through the University Literary and Debating Society, for reading in English.

6. Prizes in Hebrew.—(*a*) The O. and S. Fitch prize, value $50.00; (*b*) the A. J. Freiman prize, value $100.00; (*c*) the A. Pierce prize, value $100.00.

7. The Cherry Prize.—This prize, of the value of $50.00 in books, founded by Wilbur H. Cherry, Arts 1907, and Anna Cherry, Arts 1918, in memory of their father, William Cherry, Med. 1869, and of their brother, William McFie Cherry, Arts 1911, is awarded annually by the Department of Economics and Political Science to the student who at the end of his Second Year is, in the opinion of the Department, deserving of such recognition, it being understood, however, that the prize will not be awarded to any student who already holds a scholarship in his Third Year.

8. Peterson Memorial Prize in Literature.—This prize, of $50.00, founded by W. G. Peterson, M.A., in memory of his father, Sir William Peterson, Principal of McGill University from 1899-1918, is awarded to the undergraduate, or graduate, student who in addition to having achieved distinction in English Literature has given evidence of creative literary ability.

SCHOOL OF COMMERCE

COURSES FOR THE DEGREE OF BACHELOR OF COMMERCE

The courses extend over four years, and students who successfully complete them are granted the Degree of Bachelor of Commerce (B. Com.).

The curriculum, which may undergo modification before the beginning of the session, is now as follows:—

FIRST YEAR

Obligatory Subjects

English 1 and 2.

Mathematics 1.

French, or **Spanish**, or **German**.

Theory and **Practice of Accounts**.

Optional Subjects (two to be chosen)

Latin, or **Greek**.

German, or **Spanish**, or **French**.

Physics, or **Biology**, or **Chemistry**.

History 1.

N.B.—Students intending to take up Mathematics 9 in the Fourth Year must obtain 65 per cent in the Mathematics of the First Year.

SECOND YEAR

Obligatory Subjects

French 12, **or Spanish**, or **German** (continued).

Theory and **Practice of Accounts**.

Optional Subjects (three to be chosen)

Economics 21.

English.

Mathematics 42.

Mathematics 3 or 4.

Psychology.

German, or **Spanish**, or **French** 12 (continued).

Chemistry.

N.B.—(*a*) Students proceeding to Mathematics 9 in the Fourth Year must pass in Mathematics 42, and in Mathematics 3 or 4, with high marks.

(*b*) Mathematics 42 is a prerequisite to Third and Fourth Year Accountancy.

(*c*) Economics 21 is necessary for students proceeding to the diploma of Licentiate in Accountancy of McGill University.

THIRD YEAR

Obligatory Subjects

French 13, or **Spanish** or **German** (continued for students who have taken one of these subjects during their First and Second Years).

Optional Subjects (four 3-hour courses, or their equivalent, to be chosen).

Theory and **Practice of Accounts.**

Business Organization and Scientific Management.

Vocational and Industrial Psychology 14 (half course).

Commercial Law.

Economics 22.

Economics 23 and 24, or 25 and 26.

English.

Mathematics 3 or 4.

Mathematics 43.

Mathematics 8.

Spanish, or **French** or **German** (continued).

N.B.—(*a*) Only half credit is given to a second modern foreign language begun after the Second Year. Students should further note that time-table complications may make it impossible to begin a second language in any Year except the First.

(*b*) Mathematics, 3, 4, 8 and 42 must be taken by students proceeding to Mathematics 9 in the Fourth Year. High standing is required.

(*c*) First and Second Year Accountancy are prerequisites to Accountancy in this Year.

(*d*) Economics 21 is a prerequisite to all the other courses in this Department.

(*e*) Second Year Psychology is a prerequisite to Business and Industrial Psychology.

FOURTH YEAR

(Five 3-hour courses, or their equivalent, to be taken.)

French 14 (continued).

Spanish (continued).

Theory and **Practice of Accounts.**

Business Organization and **Scientific Management**, if not taken in Third Year.

Mathematics 9 or any other approved **Mathematics** course not previously taken.

Commercial Law.

Marine Insurance and Transportation (half course).

Mathematics 43.

Economics 27.

Economics 28 and 29.

English.

N.B.—(*a*) Third Year Accountancy, Mathematics 42, and Third year Commercial Law are all prerequisites to Fourth Year Accountancy.

(*b*) Economics 21 is prerequisite to all the courses in Economics in the Fourth Year.

(*c*) The Mathematical courses prescribed in the first three years are all prerequisites to Mathematics 9 in the Fourth Year.

(*d*) Mathematics 43 and English and Business Organization and Scientific Management can be taken in either the Third or the Fourth Year.

(*e*) Candidates proceeding to the diploma of C.A. must take the Commercial Law course in both Third and Fourth Years, and also Business Organization and Scientific Management.

Graduates in Commerce, who during their course have taken the requisite programme in Economics, may enter the Graduate School as candidates for the M.Com. degree in Economics and Political Science. The requisite programme in Economics consists of courses 21, 22 and 27 with 23, 24, 28 and 29.

Students are responsible for seeing that courses chosen do not conflict as regards hours of lectures.

DIPLOMA OF LICENTIATE IN ACCOUNTANCY

To obtain the Diploma of Licentiate in Accountancy, which carries with it right of entrance into the Society of Chartered Accountants of the Province of Quebec, or into the Institute of Accountants and Auditors of the Province of Quebec, or into the Corporation of Public Accountants of the Province of Quebec, the student must satisfy the following conditions:—

(*a*) He must pass all the examinations required for, and leading up to, the Degree of Bachelor of Commerce.

(*b*) He must pursue the course of studies prescribed in this programme for Accountancy students.

(*c*) He must comply with all ordinances regulating practical work to be done by students during the vacation.

(*d*) He must spend at least one year, subsequent to his obtaining the Degree of Bachelor of Commerce, in the office of a practising accountant.

(*e*) He must have attended as an undergraduate, Economics Course No. 21, the course in Mathematics 43 given in the Third and Fourth Years, and have obtained at least 50 per cent of the marks obtainable at the examination in this subject. Failing this, he is required to take the course in Elementary Actuarial Science described at the end of this Announcement, in the description of "Four-year course for students of the Accountancy Association of the Province of Quebec." In Commercial Law of the Third and Fourth Years all Commerce students including those proceeding to the diploma of Licentiate in Accountancy, must obtain a 55% average in all sections of the Law examinations and not less than 50% in each section.

(*f*) He must attend the post-graduate course in "Final" Accountancy and Auditing.

(*g*) He must then pass successfully the final examination in Accounting and Auditing before a board of six examiners composed as follows: the Director-Secretary of the School of Commerce, two Professors of McGill University, a member of the Society of Chartered Accountants of the Province of Quebec, a member of the Institute of Accountants and Auditors of the Province of Quebec, and a member of the Corporation of Public Accountants of the Province of Quebec; or before a board of five examiners should one of the Associations mentioned fail to nominate its delegate, or of four examiners should two do so, or of three, if all.

McGill University has entered into an agreement with the Society of Chartered Accountants of the Province of Quebec, with the Institute of Accountants and Auditors of the Province of Quebec, and with the Corporation of Public Accountants of the Province of Quebec, whereby the candidates of these Associations (non-graduates) take the final examinations conjointly with the University candidates. The papers set are the same for both classes of candidates, but the University retains its own Board of Examiners according to the provisions laid down in Bill No. 21. (See pages 202 to 205 for the description of "Four-Year Course" for students of the Accountancy Association of the Province of Quebec.)

The Society of Chartered Accountants of the Province of Quebec has agreed to accept apprenticeship in an Accountant's Office anywhere in Canada.

Graduates must exert themselves to find an Accountant's Office willing to accept them during their period of apprenticeship. The University has no obligation in the matter.

The examination in Final Auditing and Accounting is held in the month of May each year.

The fee for the examination in Final Auditing and Accounting is $25.00. Previous examination papers may be obtained at the Bursar's Office for $0.50 per set.

N.B.—For the benefit of graduates living in the West of Canada, centres for the final examination in Accounting and Auditing may be established in Winnipeg and Vancouver. Those willing to sit at these centres should give notice before April 1st to the Registrar of McGill University. Such notice should be accompanied by the special fee of $50.00. A centre may also be established at Quebec City.

COURSES OF LECTURES

THE THEORY AND PRACTICE OF ACCOUNTS

The accountancy work has been carefully graduated and correlated and is intended not merely to fulfil its part in a general scientific business training, but also to prepare and assist those who purpose taking up accountancy as a profession.

No previous knowledge of bookkeeping is assumed or required; the subject is developed rapidly along the lines that prevail in practice.

FIRST YEAR

The principle of debit and credit; books of original record; documents employed; sales, purchases, consignments; returns inwards and returns outwards; subsidiary ledgers, and controlling accounts to represent them in the general ledger; special forms of cash-book required to facilitate such control; notes and drafts, discounting and renewal of notes; single entry; revenue and capital expenditure; trading, and profit and loss statements and balance sheet; single proprietorships.

The student is required to sift and classify his detail, write up all the books of record and account, and focus results of the various transactions into the final statements.

Mon., Wed., Fri., at 12.....Professor Thompson.

SECOND YEAR

Special problems that occur in connection with partnerships: The deed of partnership; rights of partners; effects of dissolution; methods of distributing profits; the bringing in of other partners; goodwill; transformation of a firm into a corporation; departmental accounts; organization and internal check; distribution of expenses over departments; comparison of results shown with those of other periods; chain-stores; manufacturing accounts; the elements of cost accounting; building up C.I.F. and other quotations; the voucher-register, depreciation and methods of providing for it; reserves; elementary company finance.

Mon., Wed., Fri., at 9.....Mr. Patton.

THIRD YEAR

(*a*) Theory of the Balance Sheet: Its form and elements; capital and revenue receipts and expenditures; valuation of fixed and current assets and liabilities; wasting assets; capital and revenue profits and losses; comparative balance sheets and statements and deductions to be drawn from them; surplus statements.

(*b*) Corporation Finance: Interior organization of the corporation; stock and bond issues; initial operations; earnings and their disposition; secret reserves; betterments; surplus; control exercised by directors and majority stock-holders; its abuse; different bases of capitalization; bonus stock; treasury stock; watered stock; discount and premium on bond issues; sinking funds.

(*c*) Cost Accounting: General considerations; advantages of cost systems; different methods of distributing overhead expense; comparison of costing estimates with general books; total cost and selling-price.

(*d*) Auditing: Elementary considerations; audit-programme for simple trading concern.

(*e*) Budgeting, and budgetary control.

Tues., Thurs., Sat., at 10 ..... Professor Thompson

FOURTH YEAR

(Intended especially for students proceeding to a Diploma in Accountancy, although this course may be taken by all students who have reached the required standard.)

Cost Accounting: Control of stores, the running inventory; remuneration of labour; leakage in factories; forms used in "job and process" costing systems; connection of cost records with general accounts.

Export Houses and Branches: Accounts of head office and of branches; goods invoiced at cost, intermediate, and selling price; chain-stores; foreign exchange.

Consolidations, Amalgamations, Mergers: Consolidated statements and balance-sheets; holding corporations; control of stock and bond issues; minority holdings; advances to subsidiaries; intra-combine profits and liabilities; initial surplus and goodwill.

Insolvency Accounts: Statement of affairs; deficiency statement; realization and liquidation account.

Auditing: Considerations applicable to all undertakings, and special considerations applicable to particular concerns; auditors' rights and duties; audit-certificates.

Trustees' Accounts: Executorships and administratorships; accrued claims and income, corpus and income; division of an estate.

Income Tax: General considerations; taxable and untaxable income.

Instalment Sales.

Mon., Wed., Fri., at 11.....Professor Thompson.

Text-Books:—120 Graduated Exercises in Book-keeping, etc., and Key, Thompson, Pitman, Toronto (First and Second Years). Accounting, Smails and Walker, Ryerson Press, Toronto (First, Second and Third Years), Limited Companies and their Accounts, Ferguson & Crocombe, Commercial Text Book Co., Toronto (Third Year), Accounting, Kester, Ronald Press, New York. Vol. I (Second and Third Years). Vol. 2 (Third and Fourth Years.) An Introduction to Auditing for Canadians, Ashley, Macmillan, Toronto, (Fourth Year).

BUSINESS ORGANIZATION AND SCIENTIFIC MANAGEMENT

Commercial Organization: Origin, growth and classification of business organization; tests of efficiency in business organizations. Social and economic and legal aspects in the following types of organization: single proprietorship; partnership; joint stock company, public and private corporations; rights, duties, and liabilities of directors, officers, shareholders, and debenture-holders; agreements, pools, kartells, simple business trusts; combination trusts; securities-holding organization; amalgamation, and mergers; launching of an industrial enterprise; planning of a factory; purchase and control of raw materials; labour and its control; wage systems, welfare work; reorganization of a factory; committee system; location of industries; principles and types of management; departmental relations; standardization and equipment; standardized operations; adequate records; efficiency rewards.

Tues., Thurs., Sat., at 11.....Professor Thompson.

Text-books:—Business Ownership Organization, Stockder, Henry Holt, New York. Administration of Industrial Enterprises, Jones, Longmans Green, New York, London.

CHEMISTRY

The course includes a study of the more important elements and compounds, general laws and principles and foundamental theories; with as many industrial applications as time will allow. The lectures are illustrated and the general intention of the course is to give a training in the principles of the science, so that chemical problems arising in connection with future work and study may be intelligently considered.

Text-book:—McPherson and Henderson, "A Course in General Chemistry."

ECONOMICS AND POLITICAL SCIENCE

SECOND YEAR

21. Elements of Political Economy.

Tues., Thurs., Sat., at 9.....Mr. Forsey.

THIRD YEAR

22. Economic Distribution.

Rents, wages, interest, profits, population, socialism and social reforms.

Mon., Wed., Fr., at 11.....Professor Day.

23. Elements of Political Science and Comparative National Government and Taxation.

General principles of government, and national government and taxation in Great Britain and the United States.

First term; Mon., Wed., Fri., at 12.....Professor Leacock.

24. Government and Taxation in Canada.

Federal, provincial and municipal government and systems of taxation.

Second term; Mon., Wed., Fri., at 12.....Professor Leacock.

25. International Trade and Trade Policy.

First term (Not given in 1932-33).....Professor Day

Qualified Commerce students may, with the consent of the Department, take the corresponding Arts and Science Course No. 11.

26. Social and Industrial Legislation.

A study of legislation to include factory acts, labour legislation, pensions, insurance, etc.

Second term.....Professor Hemmeon.

FOURTH YEAR

27. Economic Theory of Exchange.

Money, banking, prices, index numbers, trade tariffs.

Tues., Thurs., Sat., at 10.....Professor Day.

28. Canada—Economic Problems.

First term; Mon., Wed., Fri., at 3.....Mr. Forsey.

29. Canada—Economic Problems.

Second term; Mon., Wed., Fri., at 3.....Mr. Forsey.

ENGLISH

The courses in English give a general training in Composition and require a broad study of English Literature with a large amount of reading.

FIRST YEAR

English 1, English Composition one hour a week. Weekly individual conferences with the instructor are required.

English 2, English Literature, as prescribed for students in the Faculty of Arts and Science—a general outline course from Chaucer to Kipling. Readings and fortnightly individual conferences. Two hours a week. Professor Macmillan and an assistant.

SECOND YEAR

English Literature: Choice of Second Year Arts and Science courses.

THIRD OR FOURTH YEAR

A choice of any General Arts and Science courses in English in these Years.

FRENCH

The study of French is first approached from the literary side, both in order to increase its value to the student as an element of culture and in order to afford a sufficient background for the commercial studies which come later. These commercial studies begin in the Second Year, and comprise about half of the work done in that Year. In the Third Year work is almost entirely of a commercial character.

The following is a synopsis of the work:—

FIRST YEAR

French Language and Literature (Arts and Science 1).

Section A, Mon., Wed., Fri., at 9; Section B, Mon., Wed., Fri., at 11.....Professors du Roure, Villard, Furness, d'Hauteserve, and Mlle. Henry.

Texts:—(*a*) General Course.—Green and Ford, French Composition (Oxford); Lavisse, Histoire de France, Cours moyens; Eugene, Labiche, La poudre aux yeux; Maupassant, Contes Choisis; A. Dumas, Les Trois Mousquetaires (Heath); Hugo, Gavroche (Oxford). (*b*) Advanced Course.—Buffum, French Short Stories (Holt); Racine, Andromaque (Ginn); Jules Romain, Knock ou le Triomphe de la médicine (The Century Co.); Molière, Les Précieuses Ridicules (Heath); Moraud, French Composition (Oxford).

Students may take either the General Course or the Advanced Course.

SECOND YEAR

French Commercial Course Arts and Science (12).

Mon., Wed., Fri., at 12.....Professor Villard.

Texts:—Chinard, Histoire de la littérature française; Richards, Manuel de lecture expliquée, XIXème siècle (Cambridge); Sand, La Mare au Diable (Ginn); Daudet, Lettres de mon moulin; Pailleron, Le Monde ou l'on s'ennuie; Carroué, Manuel de correspondance commerciale; Malakis, Le français du commerce (Holt).

Home Readings:—Augier, Le Gendre de M. Poirier; Louis Hémon, Maria Chapdelaine.

THIRD YEAR

French Commercial Course (Arts and Science 13).

Mon., Wed., Fri., at 10.....Professor Villard.

Texts:—(*a*) Des Granges, Précis de littérature française; Montesquieu, Lettres Persanes (Macmillan); T. B. Rudmose-Brown, French Short Stories (Oxford); Chateaubriand, Atala (Heath). (*b*) Janau, Commercial Correspondence (Longmans); Jago, La France qui travaille (Heath); Daniel Massé, Initiation économique (Hachette).

Home Readings:—Renault, Lectures Commerciales (Oxford); Mérimée, Colomba.

FOURTH YEAR

French Commercial Course (Arts and Science 14).

Mon., Wed., Fri., at 9.....Professor Villard

Texts:—(a) Clerget, Manuel d'économie commerciale; Gide, Principes d'économie politique. (b) Lanson et Desseignet, La France et sa civilisation (Holt); Pargment, Trente-trois Contes et Nouvelles (Holt).

Home Readings:—Roe, La France laborieuse (Nelson); Calvert, The French newspaper (Oxford).

THIRD AND FOURTH YEARS

During these Years one hour a week is devoted to a study of modern French literature. The remaining hours are taken up with commercial work, which may be conveniently divided into:—

(*a*) Commercial correspondence, study of trade reports, etc., in continuation of work begun in the Second Year; and (*b*) colloquial French.

(The text-book used for this part is P. Clerget, Manuel d'économie commerciale.)

GERMAN

The study of German extends through the First and Second Years.

The Arts and Science courses in German are available to Commercial students.

Provision is also made for instruction in commercial correspondence

LAW

THIRD YEAR

(1) Law of Contracts.
(2) Agency, Partnership and Company Formation.
(3) Negotiable Instruments and Banking Law.

FOURTH YEAR

(1) Company Law.
(2) Sale of Goods.
(3) Insurance Law.
(4) Trustees and Executors.
(5) Bankruptcy and Winding-up Acts.

MATHEMATICS

1. Mathematics (For First Year students).

Geometry and Trigonometry. Three hours, first term.
Algebra. Three hours, second term.....Professor Tate.

Text-books:—Hall, H.S., School Algebra, Parts I and II; Hall and Knight, Plane Trigonometry (Revised Canadian Edition); Hall and Stevens, School Geometry, Parts I to VI.

42. Mathematics (For Second Year students).

Elementary Coordinate Geometry and Calculus.

Tues., Thur., Sat., at 10.....Professor Tate

43. Mathematics (For Third Year students).

Statistics, including the theory of interest.

Tues., Thurs., Sat. at 9.....Professor Tate

The following Arts and Science courses in Mathematics are also open to qualified students in the School of Commerce during the Second, Third and Fourth Years:—

3. Calculus.

Three hours during the session; Tues., Thurs., and Sat., at 12.

Professor Sullivan.

4. Algebra and Analytical Geometry.

Three hours during the session; Mon., Wed., and Fri., at 10.

Professor Howat.

8. Theory of Equations and Higher Algebra.

Three hours during the session.....Professor Sullivan.

Text-books:—Burnside and Panton, Theory of Equations; Fine, College Algebra; Milne, Higher Algebra.

9. Finite Differences and Theory of Probability with Applications.

Three hours during session.....Professor Tate.

Text-books:—H. Freeman, Actuarial Mathematics, Borel, Probability; A. Fisher, Probabilities; J. L. Coolidge, Probability.

(*a*) Courses 8, 9 are mainly intended for students who wish to enter the Actuarial profession.

(*b*) Course 42 is a prerequisite for those who wish to take Third and Fourth Year Accountancy.

(*c*) Courses 3, 4, 8 and 42 are prerequisite for 9. First class standing in these is required before proceeding to Course 9.

PHYSICS

A special course of General Physics for Commerce students including Elementary Mechanics, Heat, Light, Sound and Electricity. Two hours lectures and two hours laboratory work a week throughout the session. Lecturer: Prof. H. E. Reilley. The laboratory work is under the direction of Professor D. A. Keys.

Text-book:—Whitman's Household Physics.

SPANISH

FIRST YEAR

The work in the First Year consists of:—

Grammar, reading and dictation, oral exercises and composition.

Text-books:—Coester's Spanish Grammar; Jiménez's "Platero y yo"; Antologia de cuentos españoles (Heath & Co.); Cool's Spanish Composition; Historia de España (Romera-Navarro ed., Heath & Co.).

Tues., Thurs., Sat., at 10.....Professor Sugars.

SECOND YEAR

The work, as before, consists of grammar, practice in reading and speaking, dictation and composition. At the same time the student is given a further introduction to Spanish literature.

Text-books:—La Flor de la Vida, Alvarez Quintero, (Heath & Co.); El principe que lo aprendió todo en los libros, Benavente, (World Book Co., N.Y.); La rana viajera. Julio Camba, (Heath & Co.); Nociones de Literatura Castellana (Romera de Terreros); Cool's Spanish Composition; Temas españoles (Crawford ed. Henry Holt & Co.);

Tues., Thurs., Sat., at 11.....Professor Sugars.

THIRD YEAR

More extensive work in literature. Lectures on Spanish literature in the Third and Fourth Years are given in Spanish.

Text-books:—

(*a*) Moratin, El sí de las niñas (Ginn & Co.); Selections from "El Quijote" (Heath & Co.); Galdos' Zaragoza; "Historia de la literatura española," Romera-Novarro (Heath & Co); Spanish Free Composition (Peers); Temas españoles (Crawford ed., Henry Holt & Co.).

(*b*) Advanced work:—

In addition to the above, Study of Spanish verse and of the following texts: Garcilaso de la Vega, First and Second Eclogues (Oxford Press); Alarcon's, La Verdad Sospechosa (Heath & Co.); Selected "romances" and sonnets.

Mon., Wed., Fri., at 9.....Professor Sugars.

Students in Third and Fourth Years are expected to read the work entitled "Companion to Spanish Studies," edited by Professor Allison Peers.

FOURTH YEAR

A study of the modern Spanish novel:—

Text-books:—Pereda, Pedro Sánchez (Ginn & Co.); Valdés, José (Heath & Co.); Blasco Ibañez, La Barraca; Romera-Navarro's "Historia de la literatura española," (Heath & Co.); Romera-Navarro's "Manual del Comercio" (Henry Holt & Co.); Costello y Montgomery's "Advanced Spanish Composition", (Johnson Publishing Co.).

Advanced work:—In addition to work prescribed above:—Marquina, En Flandes se ha puesto el Sol (Heath & Co.); Don Quijote; Spanish lyric poetry in "Siglo de oro."

Tues., Thurs., Sat., at 9.....Professor Sugars.

MARINE INSURANCE AND TRANSPORTATION

Administration and organization of inland and ocean transportation, including the early history of transportation; meaning and importance of railroad statistics; transport and storage of commodities of a perishable and special character; transportation law; marine insurance.

Thurs., at 11 ..... Mr. McCulloch.

MEDALS

A silver medal and a bronze medal have been offered to the School of Commerce by his Honour, the Lieutenant-Governor of the Province of Quebec, the silver medal for the student with the best average, throughout his four years of study, in Mathematics, Accountancy, Business Organization and Commercial Law; the bronze medal for the one who has the best average, throughout the four years of study, in the French and Spanish languages. The Alliance Française Silver Medal is awarded to the student with the best average throughout the four years of study in the French language.

SCHOLARSHIPS AND PRIZES

Two scholarships of $100 each are offered by Mr. Howard Murray to the best two students in the Third Year class in French. The winners must continue the study of French during their Fourth Year, and it is during this Year that the scholarships will be paid.

The F. W. Sharp Prize in Accountancy and Mathematics will be awarded at the end of the Fourth Year to the best student in Accountancy, Business Organization and Mathematics. Value $50.00.

The Royal Bank Fellowship in Economics, value $1,000; open to candidates from all Canadian universities.

The Society of Chartered Accountants offers a share in its War Memorial prize to the Commerce Graduate who obtains the highest percentage at the final examination for the diploma of C.A.

LOAN FUNDS

A fund has been established by the Commercial Society to be known as "The Commercial Society Loan Fund," for the purpose of aiding each year one or more students of the School of Commerce who are entering their fourth year, to complete their course. Loans from this Fund are repayable within two years after graduation. Applications should be made to the Director of the School of Commerce.

FOUR-YEAR COURSE

(For Students of the Accountancy Associations of the Province of Quebec)

For fees see separate announcement of the School of Commerce.

INTERMEDIATE ACCOUNTING AND AUDITING

Twenty-eight lectures, of two hours each, given on Wednesdays, from 6.00 to 8.00 p.m., commencing October 5th, 1932.

The work covers matter outlined for the first two years of the regular Commerce course, with the addition of elementary auditing.

Lecturer.....Professor R. R. Thompson.

INTERMEDIATE MATHEMATICS

Twenty-five lectures of 1½ hours each, given on Fridays, from 6 to 7.30 p.m., commencing October 7th, 1932.

Arithmetic and geometric progressions; indices; logarithms; permutations and combinations; binomial theorem; theory of quadratic equations; approximations; graphs; simple and compound interest; annuities and sinking funds.

Text-books:—Hall, H. S., School Algebra, Parts I and II; H. Tate, Interest, Annuities and Bonds (Chaps. I, III).

Lecturer.....Professor Herbert Tate.

INTERMEDIATE COMMERCIAL LAW

Forty-eight lectures, of 1½ hours each, given on Tuesdays and Thursdays, from 5.30 to 7 p.m., commencing October 4th, 1932. Of these lectures, 16 are devoted to the Law of Contracts, 16 to Negotiable Instruments, and 16 to Agency and Partnerships.

The matter covered may be outlined as follows:—

Law of Contracts

Sphere of Dominion and Provincial laws; persons (minors, interdicts, married women); distribution of property; essentials of contract (consent, capacity, object, consideration); interpretation; effects; breach.

Negotiable Instruments and Banking

Characteristics of negotiability; Bills of Exchange Act; form, acceptance; delivery; capacity and authority of parties; consideration; negotiation; endorsements; presentment; dishonour; protest; liabilities of parties; discharge; lost instruments; forgeries or unauthorized signatures; alterations; bills in a set; cheques: promissory notes.

Bank Act.—Organization of a bank; rights and duties of directors and shareholders; auditors; powers of a bank with respect to loans; security; deposits and note issue.

Agency and Partnerships

General provisions covering mandate; obligation of mandatory towards mandator, and towards third parties; obligations of the mandator towards the mandatory and towards third persons; résumé of law covering advocates, attorneys, notaries, brokers, factors, etc.; termination of mandate.

General provisions relating to partnership; obligations and rights of partners amongst themselves and towards third parties; different kinds of partnership, particular partnerships, general partnerships, anonymous partnerships, and limited partnerships; dissolution of a partnership, and the effects of such dissolution.

Lecturers ..... Mr. A. I. Smith and Mr. W. C. Nicholson

FINAL ACCOUNTING AND AUDITING

This course consists of (*a*) general series comprising 30 lectures of 1½ hours each, and (*b*) a special series comprising 14 lectures of 1½ hours each. Mondays and Thursdays, from 6 to 7.30 p.m., beginning October 3rd, 1932.

General Series

This portion covers the following subject matter:—

Capital, its issue and recording in the books of a company; bonds and bond discount and premiums; current and fixed assets and liabilities; capital and revenue profits and losses; criticism of operating statements and balance sheets for successive periods; cost accounting; partnership; instalment sales; branch accounts; holding companies and subsidiaries; reorganizations; mergers and amalgamations; executorship and trustee accounts; bankruptcy; auditing generally.

Lecturers: Professor R. R. Thompson and P. F. Seymour.

Special Series

This series includes special consideration of the following subjects:—

Income tax; insurance and banking; working papers; investigations; brokers' accounts, etc.

Lecturers: Messrs. G. Hunter, H. D. Clapperton, D. Young, A. A. Gowan, P. F. Seymour, and T. G. Jones.

FINAL MATHEMATICS

Elements of Actuarial Science

Twenty-five lectures, of 1½ hours each, on Wednesdays, from 6.00 to 7.30 p.m., beginning October 5th, 1932.

The course embraces:—

The amortization schedule; straight-term, serial and annuity bonds; depreciation; building and loan associations. Elementary Insurance. Elementary Statistics.

Lecturer.....Professor Herbert Tate

Text-books:—H. Tate, Interest, Annuities and Bonds (chapters I-VII); J. B. Maclean Life Insurance; S. Huebner, Life Insurance; Lovitt and Holtzclaw, Elementary Statistics.

FINAL COMMERCIAL LAW

Forty-four lectures, of 1½ hours each, given on Tuesdays and Thursdays, from 5.30 to 7.00 p.m., beginning October 4th, 1932. Of these lectures, 14 are devoted to the Sale of Goods; 14 to Company Law; 8 to Trustees and Executors, and 8 to Bankruptcy and Winding-up.

Sale of Goods: General provisions regarding sales; capacity to buy and sell; things which may be sold; obligations of the seller; delivery; warranty against eviction and latent defects; obligations of the buyer; dissolution and annulment of contract of sale; right of redemption; annulment on account of lesion; sales by licitation; sales by auction; bulk sales; forced sales and giving in payment.

Company Law: The Companies' Act (Dominion) and its amendments; the Quebec Companies' Act, 1920, and its amendments. (In these Acts, Part 1 is principally dealt with. The statutory provisions are explained and illustrated by citation and discussion of jurisprudence.)

Trustees and Executors: Provisions of the Civil Code dealing with persons administering funds belonging to others; status of married women; law applying to tutors and curators; law relating to succession.

Bankruptcy and Winding-up: Provisions of the Bankruptcy Act; the Dominion Winding-up Act; law of the Province of Quebec relating to the voluntary winding-up of companies. (The statutory provisions are explained and illustrated by citation and discussion of jurisprudence.)

Lecturers: Messrs. J. A. Mathewson, W. C. Nicholson, and K. A. Wilson.

ECONOMICS

Course of 20 lectures, of 1 hour each, on Elementary Economics. On Fridays, from 6 to 7 p.m., beginning October 7th, 1932.

Lecturer.....Professor J. P. Day.

N.B.—Hours and date of lectures are always subject to change for sufficient cause.

SUPPLEMENTAL COURSES

ELEMENTS OF ACCOUNTING

Twenty-five lectures of two hours each, given on Mondays, from 6 to 8 p.m., commencing October 17th, 1932.

The work covers matter outlined for the first year of the regular Commerce course, and is intended for less experienced students. Those who pass in this course may join the Intermediate course of the succeeding session at the commencement of the Second Term.

Lecturer.....Professor R. R. Thompson.

BUSINESS FINANCE AND ACCOUNTING

Twenty-five lectures of one hour each, given on Fridays, from 7 to 8 p.m., commencing October 21st, 1932.

This course comes between the Intermediate and Final Accounting and Auditing, and is valuable to students who wish to keep in touch with Accounting problems. It covers the formation, organization, finance and accounting of incorporated companies, different classes of share capital and their issue, bonds at discount and premium, valuation of assets, capital and revenue profits and losses, contracts, criticism of operating accounts and balance sheets, branches, cost accounts.

Lecturer.....Mr. D. R. Patton.

APPLIED THEORY OF ACCOUNTING AND AUDITING

Twenty lectures of two hours each, given on Wednesdays, from 6 to 8 p.m., commencing October 19th, 1932.

This course runs parallel to the Final Accounting and Auditing course, covering the same ground, and supplementing it with numerous problems and examples.

Lecturer.....Mr. P. F. Seymour.

The examinations in the above-mentioned subjects are held at the end of the course. In order to pass, a student must obtain 60 per cent of the marks assigned to Economics and to Mathematics, and an average of 60 per cent in Accountancy and Auditing, with not less than 55 per cent in either of them. In Commercial Law a student must get an average of 55% on all the portions of each course, and not less than 50% in each portion or section. A student, therefore, who fails either to get this average of 55% in all portions, or this minimum of 50% in any one portion must repeat the whole examination. A student who fails may repeat the course and the examination on payment of the full fee. This is necessary in the case of any student who has obtained less than 40 per cent of the marks assigned to Economics, to Mathematics, or to Accounting and Auditing, or who has obtained less than 50% in any portion of either of the Commercial Law courses. A student however, who has obtained 40% or more, but less than 60% in the case of the first three subjects, or 50% or more but less than 55% in the case of Commercial Law need only repeat the examination, paying therefor the corresponding fee (*i.e.*, half the fee for the full course).

FINAL EXAMINATION IN ACCOUNTING AND AUDITING

The Final examination in Accounting and Auditing is held in May each year, before a joint board of examiners, consisting of the six mentioned on page 190 and of two members named by each of the three Associations of the Province.

The fee for this Final examination in Accountancy and Auditing is additional to the fee paid for the course. In the case of McGill Commerce graduates the fee for this Final examination is $25, to be paid to the University. In the case of students of the various Associations, the fee is also $25, to be paid into a common fund for examination expenses.

In order to pass in this Final examination a student must obtain 60 per cent or more of the marks assigned, with not less than 55 per cent in either of the subjects.

A student who fails may, on repayment of the examination fee, present himself again for examination in the following May. If he has obtained less than 40 per cent he must also repeat the final course in Accountancy and Auditing, paying the full tuition fee.

Candidates may proceed from the Intermediate to the Final stage, if conditioned in not more than one subject, which must not be Accountancy and Auditing. For the purposes of this regulation, Law constitutes one subject and Mathematics one subject. But no student can sit for the Final examination in Accountancy and Auditing who has not passed all his Intermediate and Final examinations in Commercial Law and Mathematics, and his examination in Political Economy.

No student receives any credit for any course, or is allowed to sit for any examination, unless he has complied with all the regulations of his Association affecting such course and examinations. Every student should, therefore, acquaint himself with the rules and by-laws of his Association.

A student taking either the Intermediate or the Final examinations must make formal application to Professor R. M. Sugars on or before April 1st, and should state when he took the lectures given in connection with each examination. His application should be accompanied to the corresponding fee, except in the case of Final Accountancy and Auditing. The fee for any Association candidate who wishes to present himself for the Final Accountancy and Auditing examination must be paid to the Association with which the candidate is concerned.

No examination is given to non-Association students in Final Accounting and Auditing.

For all further information, apply to Professor R. M. Sugars, Director-Secretary of the School of Commerce, Arts Building, McGill University.

FACULTY OF ENGINEERING

ENTRANCE REQUIREMENTS

ARCHITECTURE

For admission to the School of Architecture, candidates must pass the Junior Matriculation Examination in the following subjects:—

	Maximum Marks	
1.	200	**English.**
2.	100	**History.**
3.	200	One of the following:— **French, German, Spanish, Latin, Greek.**
4.	200	**Elementary Mathematics.**
5.	200	**Intermediate Mathematics.**
6.	100	One of the following:— **Botany, Chemistry, Physics, a Language** not already chosen.
	Total 1,000	

To pass a candidate must obtain an average of 60% in the six papers and not less than 40% in any one paper. Details of the syllabi are given on pages 77 to 87.

Candidates must also satisfy the Head of the Department as to their proficiency in Freehand and Geometrical Drawing. To this end they may send in specimens of their work before September 20th, or they may take an examination at the time of the regular matriculation examination in that month.

ENGINEERING

Candidates for admission to the Faculty of Engineering for courses in the different branches of Engineering must either complete the first B.Sc. year of the Faculty of Arts and Science or pass the Senior Matriculation in the following subjects:—

(a) *Compulsory:*—

English, Mathematics, Physics, Chemistry.

(b) *Electives:*—

Any one of the following:—**History, Biology, French, German, Greek, Latin, Spanish.**

Details of the syllabi are given on pages 87 to 94.

Both Junior and Senior Matriculation Examinations may be taken in two parts, but a candidate must complete the requirements within sixteen months from the date of the first attempt.

The pass standard in Senior Matriculation is 50 per cent in each paper.

Students intending to enter the Faculty of Engineering after one year of study in the Faculty of Arts and Science are strongly advised to offer Intermediate Mathematics for matriculation into Arts and Science, and to enter the advanced section of the course in Mathematics in that Faculty.

APPLICATION FOR ADMISSION

Students desiring to enter the Faculty of Engineering must make their applications on forms which may be obtained from the Registrar's Office. Completed forms must reach the Registrar before September 15th.

COLLEGES AFFILIATED WITH THE FACULTY OF ENGINEERING

The conditions on which students may enter from certain colleges and universities are stated below. Such students, and others seeking similar advanced standing, should make application to the Dean of the Faculty, preferably not later than the end of July. All such students are subject to the regulations of the Faculty regarding experience in practical work (see page 220). Due allowance is made for courses in shop-work forming part of the curricula in the colleges in which they have previously studied.

Acadia, Alberta, Mount Allison and St. Francois Xavier Universities are affiliated with McGill University to the extent that students who have completed the two-year course in engineering given by these universities are admitted to the Third Year in any of the engineering courses in the Faculty of Engineering, except that in Chemical Engineering, for which special arrangements are at present necessary.

Students from these universities entering the Third Year must take the summer school suitable to their course in May, or the special school in September, which will open in 1932 on September 1 in Chemical, Mechanical and Metallurgical Engineering and on September 14th in Civil and Mining Engineering.

Royal Military College.—Graduates of the Royal Military College of Kingston, when specially recommended by the Director of Studies of that institution, are admitted to the Fourth Year in Civil Engineering and to the Third Year in other engineering departments of the Faculty. They must in all cases take the summer schools pertaining to these several courses, which are held in September, as stated in the preceding paragraph.

University of Cambridge.—Arrangements have been made whereby graduates and students of the Mechanical Science course in the University of Cambridge are admitted to advanced standing in the Faculty of Engineering under definite regulations, particulars of which can be obtained from the Dean of the Faculty.

SCHOLARSHIPS AND PRIZES IN ENGINEERING

ENTRANCE SCHOLARSHIPS

The following scholarships are open to students entering the Faculty:—

Two Robert Bruce Bursaries, valued at $100 each. One of these is open to students of promising ability but of straitened circumstances in Arts and Science or Engineering; the other is awarded for high standing in the Matriculation Examination. First Year Engineering students are eligible for the former.

The Hon. Robert Jones Scholarship, valued at $125 per annum, granted from time to time to some student in straitened circumstances for the full term of study in the Faculty. (See page 215 for details.)

The Isabella MacRae Scholarship, open to students resident in Maxville, Ont., or failing such for six years, to other Ontario students.

The P. S. Ross, Ottawa Valley Graduates', and Dr. H. M. Ami Exhibitions, valued at $100, $75 and $50 respectively, given through the Ottawa Valley Graduates' Society.

Canadian Pacific Railway Scholarships, covering one year in Arts and Science and four in Engineering, or five years tuition in Architecture, open to apprentices and other employees of the company and to minor sons of employees.

Bursaries granted by the Imperial Order of the Daughters of the Empire, of the annual value of $300 each, are tenable for four years at any university and are open to the sons and daughters of deceased or permanently and seriously disabled soldiers and sailors. At least one is available for each Province each year. Information may be obtained from the Provincial Educational Secretary, Office 12, Mount Royal Hotel, Montreal.

More detailed information on the above and other scholarships may be obtained from the Registrar of the University.

AWARDED ON THE RESULT OF SPECIAL EXAMINATIONS

1. Messrs. Babcock-Wilcox and Goldie-McCulloch, Limited, offer a scholarship of the value of $200 to students entering the Fourth Year course in Mechanical Engineering who intend to make a special study of steam engineering. It is tenable for one year. For further particulars apply to the Dean of the Faculty.

2. The Jenkins Bros., Ltd., Scholarship, presented by Messrs. Jenkins Bros., Ltd., and having an annual value of $200, is open to all engineering students entering the Fourth Year and is awarded on the basis of academic standing and personality.

AWARDED ON THE RESULTS OF THE SESSIONAL EXAMINATIONS OR FOR SPECIAL THESES

1. A British Association Exhibition of $50 and a prize of $25 at the end of the Third Year, to the students who obtain the highest and the second highest aggregate marks, respectively, in the sessional examinations in Strength of Materials and Mechanics of the Third Year.

2. Three prizes of $25, $15 and $10, at the end of the Second Year, to the students obtaining the highest, and the second and third highest aggregate marks, respectively, in the sessional examinations in Analytic Geometry, Calculus and Mechanics of the Second Year.

3. Two prizes of books at the end of the Second Year to the students with the highest and the second highest standing in Engineering Reports.

4. A Scott exhibition of $50, founded by the Caledonian Society of Montreal, in commemoration of the centenary of Sir Walter Scott, and two prizes of $25 and $15, to the students obtaining the highest, and the second and third highest aggregate marks, respectively, in the sessional examinations in Mathematics, Descriptive Geometry and Physics of the First Year.

5. A prize of $50, presented by Mr. James L. Tighe, B.A.Sc., for research work in Hydraulics.

6. A prize of $25, presented by Messrs. Anglin-Norcross, Ltd., to the student obtaining the highest marks in Architectural Drawing in the School of Architecture.

7. A prize of $25, presented by Messrs. Anglin-Norcross, Ltd., to the student obtaining the highest marks in Architectural Engineering in the School of Architecture.

8. The Louis Robertson Prize, founded by Mr. and Mrs. John A. Robertson, in memory of their son, John Louis Armour Robertson, who was killed in the Great War on July 18th, 1916, to be awarded to the undergraduate student who ranks highest in Design in the Final Year of the School of Architecture.

9. A prize of $25, presented by P. J. Turner, Esq., to the student obtaining the highest marks in Building Construction of the Second Year course in Architecture.

10. Prizes amounting to $200, given by the Montreal Light, Heat & Power Consolidated to Fourth Year students in the Department of Electrical Engineering.

11. The following prizes are offered for the best summer essays:—
To students in Civil Engineering, a prize of $25.
To students in Metallurgical Engineering, a prize of $25, presented by Milton L. Hersey, Esq., D.Sc.
To students in Mining Engineering, a prize of $25, presented by Dr. J. B. Porter.

12. The Engineering Institute of Canada offers each year five student prizes of $25 each, for the best paper in each of the branches of engineering —civil, mechanical, electrical, mining and chemical—received from a student member. The successful papers become part of the literature of the Institute and place the authors in prominent touch with the engineering profession. Further particulars may be obtained from R. J. Durley, Secretary, 2050 Mansfield Street, Montreal.

13. The Engineering Institute of Canada also offers each year a prize of $25 to the student of the Third Year whose standing, considered in combination with his activities in student engineering organizations, is, in the opinion of the Faculty, most meritorious.

14. Three prizes, one of $25 and the President's gold medal, one of $15 and one of $10, are offered annually for the best papers submitted by student members to the Canadian Institute of Mining and Metallurgy.

15. The sum of $50 has been voted by the Undergraduate Society of the Faculty of Engineering, to be given as prizes for the best summer essays submitted by students. $25 is awarded for the best essay, $15 for the second and $10 for the third.

16. A Sir William Dawson Exhibition, given by the New York Graduates' Society; value, $60.

17. A prize of $25, offered by the Canadian Section of the Society of Chemical Industry, for the best essay on some phase of chemical industry. Further particulars may be obtained from the Secretary of the Society.

18. A prize of $10, offered by the Montreal Chapter of the American Society for Steel Treating, to the student graduating in Metallurgical Engineering who obtains the highest mark in the subjects of Metallography and thesis combined.

AWARDED AT THE DISCRETION OF THE FACULTY

1. The Hon. Robert Jones Scholarship of $125 per annum, "is granted from time to time to some poor student for the full term of study in the Faculty of Engineering."

Application should be made through the Dean of the Faculty. In awarding the scholarship the standing of the student in the entrance examination is considered, and the scholarship is not continued if the standing of the student at any time proves unsatisfactory.

2. The Baylis Scholarship, founded in memory of Mr. and Mrs. James Baylis, of Montreal, and having an annual value of $100, is awarded to some student entering the Second Year, who is in need of financial assistance. The scholarship will be continued during the Third and Fourth Years, if the standing of the student continues to be satisfactory.

Application should be made through the Dean of the Faculty.

3. The late Dr. James Douglas, who was a member of the Board of Governors, provided for twelve or more tutorial bursaries of $100 per annum in the Faculty of Engineering. In assigning these, the circumstances of the applicants as well as their academic standing is considered. These bursaries carry the obligation of giving tutorial instruction equivalent to one evening a week. Students in the Third and Fourth Years of Engineering are eligible.

4. H. M. MacKay Memorial Scholarship. This scholarship will probably be awarded during the summer of 1933 to a student of British citizenship who has then completed the First Year in Engineering and intends to enter the Second Year in September, 1933. A committee appointed by the Faculty will select the scholar, having in mind the results of the First Year sessional examinations, general character, industry and other qualities desirable in an engineer. The amount of the scholarship for 1933–34 will be $150. Payment will be withheld if the scholar's progress is unsatisfactory. If no candidate of sufficient merit applies, the scholarship will not be awarded. Written applications must be made to the Dean's Office on or before April 30th, 1933.

SCHOLARSHIPS AND FELLOWSHIPS FOR GRADUATES

1. Three research and teaching fellowships, of approximately $750 each, have been established in the Department of Mining Engineering—one endowed in memory of Sir William Dawson, one endowed by the late Dr. James Douglas, and a third, of slightly less value, supported by graduates in Mining in the name of the late Dr. B. J. Harrington. All three are awarded annually if suitable candidates offer.

2. A research and teaching fellowship of the value of $80 per month during the University session is offered to students graduating in Metallurgical Engineering. The holder spends two-thirds of his time in research and study for the M.Eng. or M.Sc. degree, and one-third in teaching and other work for the Department.

3. The McGill Delta Upsilon Memorial Scholarship has been founded by the McGill Chapter of the Delta Upsilon Fraternity in memory of its members who gave their lives in the Great War.

It is open to all graduates of the University, and the following considerations govern the award; (a) the general scholarship of the candidate; (b) his need of financial assistance for further study; (c) the general usefulness to the community of the special branch of study he proposes to follow; (d) the likelihood that the candidate will reflect credit on the University. The present value of the scholarship is about $900, paid in three instalments, in October, January and April, but the second and third instalments are paid only on receipt of a satisfactory report from the professor under whom the scholar is carrying on his graduate work.

4. The LeRoy Memorial Fellowship in Geology of $600 per annum was established by some friends of Captain O. E. LeRoy (Arts 1895), who was killed in the Battle of Passchendaele in October, 1917. It is awarded annually to a student who desires to proceed to post-graduate studies in Geology. The recipient may be called upon to assist in the teaching work of the Department. The award is made by the Head of the Department of Geology and Mineralogy in consultation with the Principal.

5. The Dr. T. Sterry Hunt Research Scholarship in Chemistry of $750 a year is open to graduates who have shown a high capacity for chemical research.

6. The John Bonsall Porter Scholarship, founded by W. W. Colpitts, LL.D. (B.Sc., 1899), is open to graduate students proceeding to the degree of M.Eng. in Civil Engineering. It is expected that the income of the scholarship for 1932–33 will be $500. Applications, which in the case of graduates of other universities must be accompanied by certified statements of academic standing and letters of recommendation, should be in the hands of the Dean of the Faculty of Engineering not later than July 31st.

7. The Hugh McLennan Memorial Scholarship of about $1,000 was established by Hon. John Stewart McLennan and Dr. Francis and Miss Isabelle McLennan in memory of Hugh McLennan, son of the Hon. John Stewart McLennan, killed at the Battle of Ypres in 1915. It is awarded annually to the student who, during his course in Architecture, has shown the greatest capacity in the solution of problems and who gives promise of creative ability.

For other scholarships see pages 399 to 403.

MEDALS AND LOAN FUNDS

MEDALS

1. A British Association Medal is open for competition to students of the graduating class in each of the Engineering courses, and, if the examiners so recommend, will be awarded to the student taking the highest position in the final examination. The British Association Medals were founded by the British Association for the Advancement of Science in commemoration of its meeting held in Montreal in 1884.

2. A gold medal and three prizes are offered by the Canadian Institute of Mining and Metallurgy. For further particulars, see page 214.

3. The Lieutenant-Governor's Silver Medal is awarded to the student ranking highest in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

4. The Lieutenant-Governor's Bronze Medal is awarded to the student obtaining the second place in the Graduating Class in Architecture, provided his work is considered of sufficient merit.

LOAN FUNDS

1. The "Class of 1899 Fund" was established by the "Applied Science" Class of 1899, to aid each year one or more students who, upon the completion of their Second Year, require assistance to enable them to finish their course. Loans from this fund are repayable after graduation. Applications should be made to the Dean.

2. The George Henry Frost Fund was founded by the late G. H. Frost, B.Sc. '60, to aid students who, when commencing the work of the second or a subsequent year in the Faculty of Engineering, require financial assistance. Loans from this fund bear interest at 3% and are repayable within three years after graduation. In making loans from this fund the academic standing of the applicants is considered. Applications should be made to the Dean.

3. The Waddell Fund was founded by J. B. Waddell, Esq. Loans are made under the same conditions as apply to the George Henry Frost Fund, except that the benefits are available to graduate students as well as to undergraduates. Applications should be made to the Dean.

4. The Canadian Institute of Mining and Metallurgy Loan Fund was founded by the Montreal Women's Auxiliary of that organization for the assistance of Engineering students in Mining, Metallurgy, Geology and allied subjects. Applications should be made to the Dean.

ADVANCED STANDING FOR GRADUATES IN ARTS AND SCIENCE

Graduates in Arts and Science desiring to proceed to the degree of B.Arch. or B.Eng., should apply to the Dean, Faculty of Engineering, for information regarding the regulations governing such procedure.

DEGREES, EXAMINATIONS AND SOCIETIES

DEGREES

Degrees conferred by the University upon such undergraduates of the Faculty as fulfil the conditions and pass the examinations hereinafter stated are:—"Bachelor of Architecture" (B.Arch.), and "Bachelor of Engineering" (B.Eng.), mention being made in the diplomas of the latter of the particular course of study pursued.

Students who take the Bachelor of Engineering degree in one course may graduate in another course by attending one or more subsequent sessions and passing the prescribed additional examinations.

PRIVILEGES OF THE HOLDERS OF THESE DEGREES

Among the privileges enjoyed by graduates in Engineering the following may be specially mentioned:—

(1) By a resolution of the Institution of Civil Engineers (England) the holders of the degree of B.Eng., in the courses of civil, electrical, mechanical and mining engineering, who are desirous of becoming Associate Members of the Institution, may under certain conditions be exempted from the examination prescribed for admission to the Institution.

(2) By the Dominion Lands Surveys Act, any graduate in civil or mining engineering may have his term of apprenticeship for the Dominion Land Surveyors' certificate shortened from three years to one.

(3) Holders of the degree of B.Eng. are admitted to practice in Quebec, upon graduation, provided they register with the Corporation of Professional Engineers of Quebec upon entering the Faculty. Students entering the Faculty should therefore obtain the necessary application forms from the Dean's office, complete them and return them to that office.

(4) The School of Architecture is recognized by the Royal Institute of British Architects, and the instruction given meets the requirements of the Board of Architectural Education of that body. Students who obtain the degree of B.Arch. are exempted from the final examination for the associateship of the Royal Institute excepting in the subject of Professional Practice, in which they are required to take a paper set by the institute's examiners. On passing this they are eligible for candidature as Associate R.I.B.A.

(5) The Province of Quebec Association of Architects admits holders of the degree of B.Arch. to membership and thereby to practice in the Province, on passing an examination in design after spending one year in the office of a member of the Association. This office experience may be gained by work during the summer vacations.

EXAMINATIONS

1. Final examinations are held in all lecture subjects. Class examinations, for which credit may be given in the sessional standing, are held at the option of the professor.

2. Students who have failed in one or more subjects of the curriculum, except in cases where they are called upon to repeat their year, are required to make good their standing by passing:—

(a) the regular supplemental examinations held immediately before the opening of the session, or
(b) the final examinations in a subsequent session, or
(c) special examinations, which are given only under exceptional circumstances and by authority of the Faculty.

3. The pass standard in examinations in subjects in which the candidate has already failed twice is sixty per cent, and an unexcused absence from a sessional examination is regarded as a failure in this connection.

4. Failures in drafting and laboratory subjects may under certain conditions be made good by attending special classes during the late afternoons of the first two months of the following session. No student is permitted to attend these schools unless he has made at least 30% in the subject of the school. These classes must be completed and the results reported to the Faculty on or before December 1st.

5. No undergraduate is allowed to take instruction in any subject until he has passed the examinations in the necessary prerequisite subjects.

ENGINEERING SOCIETIES

1. Students in all departments of engineering are strongly recommended to become student members of the Engineering Institute of Canada, for which a fee of $3 is required. They are then entitled to the Journal of the Institute, to the use of the Institute's rooms, 2050 Mansfield Street, and to attend the weekly meetings.

Students are invited to compete for the prizes which are offered by the Institute.

2. Students in Mining and Metallurgy are strongly recommended to become members of the McGill Mining and Metallurgical Society, which, although a student body (see page 275), is affiliated with the Canadian Institute of Mining and Metallurgy, the headquarters of which are in Montreal. Members of this Society receive the Monthly Bulletin of the Transactions of the Institute free and are entitled to attend meetings and to compete for prizes offered.

COURSES OF INSTRUCTION

Instruction in this Faculty is designed to afford thorough training of a practical as well as theoretical nature, in the following branches:—

I—Architecture
II—Chemical Engineering
III—Civil Engineering
IV—Electrical Engineering
V—Mechanical Engineering
VI—Metallurgical Engineering
VII—Mining Engineering

A note concerning graduate courses follows the list of undergraduate courses in each department. Details are given in the announcement of the Faculty of Graduate Studies and Research. A course is also offered in Engineering Physics, particulars of which are given on page 120.

CURRICULUM

The curriculum as laid down in the following pages may be changed from time to time, as deemed advisable by the Faculty, and is in no case binding beyond the session covered by this calendar announcement.

Four years of study are required for a degree in any branch of Engineering, and five years for the degree in Architecture.

The degree in Engineering will not be conferred upon any candidate until he has passed the prescribed examinations of his course, and has submitted satisfactory evidence to the Faculty of having had six or eight months of experience in practical engineering work. Similar regulations apply to the degree in Architecture. The conditions regarding practical work in the School of Architecture are set forth under the heading of Summer Work, Courses 35, 36, 37, 38, on page 247. Forms, obtainable from the Dean's Office, must be signed by the employer and returned on or before 5 p.m. October 10th, 1932.

The work prescribed for the first two years is the same in all Engineering courses, except in Chemical Engineering.

The first two years of the Engineering courses (II to VII) are devoted to mathematics, mechanics, physics, chemistry and drawing, as it is necessary that students in these courses should master the general principles underlying scientific work before commencing professional subjects.

In certain courses, students are required to attend Summer Schools following the completion of the work of the session in the First, Second, and Third Years; for details, see page 239.

The regular work of the session 1932–33 will begin on September 29th, 1932, and end on May 25th, 1933.

1. ARCHITECTURE

The course for the degree of Bachelor of Architecture extends over five years. Full information is given in the Announcement of the School, which will be sent to interested persons upon request to the Registrar of the University.

FIRST YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week		For details see page
		First term	Second term	First term	Second term	
Algebra	Arts I	3	3	..	..	246
Geometry and Trigonometry	Arts I					
Mechanics	194	2	2	..	..	267
Physical Education	..	..	..	..	..	283
Physics	Arts I	2	2	..	..	279
Physics Laboratory	Arts I	..	..	3	3	279
Elements of Architecture	4	1	1	..	..	244
History of Art	5	1	1	..	..	245
Architectural Drawing	8	..	..	14	14	247
Building Construction I	18	2	2	5	5	247
Freehand Drawing I	27	..	..	6	6	247
*Surveying Field Work	347	..	..	..	..	280
Total hours		11	11	28	28	

*This subject is counted as part of the Second Year Curriculum, but the work is done in the four weeks immediately following the close of the First Year examinations. (See pages 239 and 280.)

Any undergraduate of the First Year in Architecture who at the close of the first term has failed to obtain an average of 33 per cent in mechanics, geometry and trigonometry, physics, freehand drawing and architectural drawing, may be required to withdraw from the Faculty.

Any other student of the First or any subsequent year, whose record is found to be unsatisfactory, may at any time be required to withdraw from the Faculty.

All students of the First Year in the School of Architecture whose studies have not been seriously interrupted by personal illness, domestic affliction or urgent affairs, and who fail in more than three subjects of the First Year, in which standing is determined by sessional examinations, or in three such subjects aggregating over 300 possible marks, are required to repeat the work of the First Year, and while so doing are debarred from taking any more advanced work.

SECOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week		For details see page
		First term	Second term	First term	Second term	
Architectural Drawing II....	9	..	..	8	8	247
Building Construction II....	19	2	2	6	6	247
Architectural Engineering I..	21	2	2	5	5	247
Surveying.....	346	2	2	..	..	246
Mapping.....	348	..	..	3	3	246
Freehand Drawing II.....	28	..	..	6	6	247
History of Classic Architecture.....	14	2	2	..	..	245
Physical Education.....	..	..	..	..	..	283
Summer Work.....	35	..	..	..	..	247
*Surveying Field Work.....	347	..	..	..	..	280
Architectural Essay.....	31	..	..	..	..	247
Total hours.....		8	8	28	28	

*Surveying Field Work is done in the four weeks immediately following the close of the First Year examinations in April. In the case of students entering from other Universities, this work should be done before entering the Second Year in Summer Schools, as shown on page 239.

All students of the Second Year in the School of Architecture who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in subjects aggregating not less than 350 possible marks, are required to repeat the Second Year.

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week		For details see page
		First term	Second term	First term	Second term	
Design A.....	1	..	..	16	16	244
Theory of Planning*.....	7	2	..	..	..	245
Architectural Engineering II.	22	2	2	4	4	247
History of Architecture..... (Mediæval or Renaissance)†.	15 or 16	2	2	..	..	246
Ornament and Decoration**.	10 & 11 or 12 & 13	1	1	3	3	245
Building Materials.....	20	..	1	..	..	247
Freehand Drawing III.....	29	..	..	6	6	247
Historical Drawing.....	26	..	..	4	4	247
Architectural Essay.....	32	..	..	..	..	247
Summer Work and School...	36	..	..	..	..	247
Total hours.....		7	6	33	33	

*The courses in Theory of Design and Theory of Planning, numbers 6 and 7, will be given in alternate years.

†The courses in Mediæval and Renaissance Architectural History, numbers 15 and 16, are given in alternate years. During the Session 1932–33, the History of Mediæval Architecture will be given.

**Ornament and Decoration, courses numbers 10 and 11, and 12 and 13, are given in alternate years. During the Session 1932–33, numbers 11 and 12 will be given.

NOTE.—In the School of Architecture after two failures in any subject a third examination will be granted only after the student concerned has taken special tuition of a character approved by the Department.

For summer reading, see page 240.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week		For details see page
		First term	Second term	First term	Second term	
Design B	2	..	..	22	22	244
Theory of Design*	6	2	..	..	..	245
Ornament and Decoration**	10 & 11 or 12 & 13	1	1	3	3	245
History of Architecture† (Mediæval or Renaissance)	15 or 16	2	2	..	..	246
Hygiene of Buildings	23	1	..	..	..	246
Heating and Ventilation	24	..	1	..	..	246
Historical Drawing	26	..	..	4	4	247
Architectural Essay	33	..	..	..	..	247
Summer Work and School	37	..	..	..	..	247
Total hours		6	4	29	29	

FIFTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Drafting Room and other hours per week		For details see page
		First term	Second term	First term	Second term	
Design C	3	..	..	21	33	244
rofessional Practice	25	1	1	3	3	247
History of Modern Architecture	17	2	2	..	..	246
Modelling	30	..	..	8	..	247
Architectural Essay	34	..	..	..	..	247
Historical Drawing	26	..	..	4	..	247
Summer Work	38	..	..	..	..	247
Total hours		3	3	36	36	

*The courses in Theory of Design and Theory of Planning, numbers 6 and 7 will be given in alternate years.

†The courses in Mediæval and Renaissance Architectural History, numbers 15 and 16, are given in alternate years. During the Session 1932–33, the History of Mediæval Architecture will be given.

**Ornament and Decoration, courses numbers 10 and 11, and 12 and 13, are given in alternate years. During the Session 1932–33, numbers 11 and 12 will be given.

NOTE.—In the School of Architecture after two failures in any subject a third examination will only be granted after the student concerned has taken special tuition of a character approved by the Department.

For summer reading, see page 240.

ENGINEERING COURSES

The subjects of instruction in the First Year of the Engineering Courses (II to VII), and the number of hours per week devoted to each, are as follows:—

FIRST YEAR

SUBJECT	No.	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Elementary Physical Chemistry and Laboratory	51A	2	2	1	1	248
Descriptive Geometry	341	1	1	2	2	259
Drawing—Freehand and Lettering	{342 / 343}	1	1	2	2	259
Drawing—Mechanical	340	..	..	3	3	259
Engineering Problems	80	..	..	3	3	254
History of Science	135	1	1	..	..	264
Plane Trigonometry	191	2	..	..	..	266
Algebra	192	3	3	..	..	267
Spherical Trigonometry	193	..	2	..	..	267
Mechanics	194	2	2	..	..	267
Analytical Geometry	195	2	2	..	..	267
Physics and Laboratory	{311 / 312}	2	2	2	2	280
Physical Education	...	..	..	..	..	283
*Surveying Field Work	347	..	..	..	..	281
Summer Reading	132	..	..	..	..	241
Total hours		16	16	13	13	

*This subject is counted as part of the Second Year Curriculum, but the work is done in the four weeks immediately following the close of the First Year examinations. (See pages 239 and 280.) Students in Chemical Engineering take a Summer School in Qualitative Analysis in September preceding their Second Year instead of this course.

Any undergraduate student of the First Year, who at the close of the first term has failed to obtain an average of 33 per cent in chemistry, mechanics, plane trigonometry, analytic geometry, algebra, physics and descriptive geometry, may be required to withdraw from the Faculty.

Any other student of the First, or any subsequent Year, whose record is found to be unsatisfactory, may at any time be required to withdraw from the Faculty.

All students of the First Year who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in more than four subjects of the First Year, in which standing is determined by sessional examinations, or in four such subjects aggregating 350 possible marks or over, are required to repeat the work of the First Year, and while so doing are debarred from taking any more advanced work.

The subjects of instruction in the Second Year of the Engineering Courses (III to VII), except in Chemical Engineering, and the number of hours per week devoted to each are as follows:—

SCOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Chemistry	53	2	2	..	..	249
Descriptive Geometry	345	1	1	2	2	259
Engineering Reports	136	1	1	..	..	264
Mapping	348	..	..	3	3	281
Materials of Construction	81	..	..	..	..	254
Algebra	197	3	..	..	..	267
Calculus	198	2	4	..	..	267
Mechanical Drawing	344	..	..	3	3	259
Mechanics	83	2	2	2	2	254
Mechanics of Machines	218	..	1	..	3	268
Physics and Laboratory	315-316	2	2	2	2	280
Physical Education	...	..	..	..	..	283
Surveying	346	2	2	..	..	280
Surveying Field Work*	347	..	..	..	..	281
Summer Essay or Reading	133	..	..	..	..	242
Total hours	..	15	15	12	15	

*Surveying Field Work is done in the four weeks immediately following the close of the First Year examination in April (about April 30th) (see pages 239 and 280). In the case of students entering from other Universities this work should be done in a special Summer School before entering the Second Year (see page 239).

All students of the Second Year who have pursued their course of study without serious interference due to personal illness, domestic affliction or urgent affairs, and who fail in more than four subjects of the Second Year, in which standing is determined by sessional examinations, or in such subjects aggregating over 400 possible marks, are required to repeat the Second Year.

II. CHEMICAL ENGINEERING

The aim of this Course is to provide a broad fundamental training, which, when supplemented by practical experience, will make the engineer competent to design and operate industrial plants with which he is concerned, and to understand the processes conducted.

Part of the time in the Second Year is devoted to Chemistry, in addition to general Engineering subjects. In the Third Year, time is divided between Chemistry and Engineering, and Chemical Engineering topics are introduced. The Fourth Year is devoted mostly to Chemistry and Chemical Engineering, including a course in unit operations. Facilities are provided for original investigation of industrial problems by the student.

Students must attend two Summer Schools, one in Qualitative Analysis at the beginning of the Second Year, and the other in Quantitative Analysis at the beginning of the Third Year. Students are also required to work in some approved industrial plant during the vacation between the Third and Fourth Years.

FIRST YEAR

As in other Engineering Departments, except that students do not take the Summer School in Surveying Field Work, but attend a school in Qualitative Analysis. This school will be held in September prior to the opening of the Second Year Course.

SECOND YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Engineering Reports	136	1	1	..	..	264
Algebra	197	3	..	..	..	267
Calculus	198	2	4	..	..	267
Mechanics	83	2	2	2	2	254
Physics and Laboratory	315–316	2	2	2	2	280
Elem. Organic Chem. and Laboratory	56–57	3	3	3	3	249
Inorganic Quantitative Analysis and Laboratory	61	1	1	9	9	249
*Inorganic Qualitative Analysis and Laboratory	54–55					249
Summer Essay or Reading	133					242
Total hours	..	14	13	16	16	

*Summer School commences September 1st and extends over a period of four weeks prior to the opening of second year course.

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Economics	171	..	2	..	..	263
General Elem. Metallurgy	262	2	..	..	..	272
Mechanical Eng. and Lab	226, 228	2	2	3	3	268
Engineering Reports (optional)	137	1	1	..	..	264
Mineralogy	142	2	2	..	..	265
Determinative Mineralogy	143	..	..	3	..	265
Strength of Materials and Lab	87–88	2	2	..	3	255
Structural Engineering	90	..	1	..	3	255
Advanced Organic Chem. & Lab	65	3	3	12	12	250
Adv. Physical Chemistry	66	3	3	..	..	251
Elem. Chemical Engineering	63	2	2	..	..	250
Chem. Engineering Problems	64	1	1	..	..	250
*Advanced Quantitative Anal. and Lab	67	..	..	..	..	251
Summer Essay or Reading	133	..	..	..	..	242
Total hours		17 or 18	18 or 19	18	21	

*Summer School commences September 1st, and extends over a period of four weeks prior to the opening of the third year course.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Advanced Inorganic Chem	72	2	2	..	..	252
Electrochemistry	70	2	..	..	..	252
Colloid Chemistry	75	2	2	..	..	252
Engineering Relations (optional)	138	1	1	..	..	264
Elem. of Electrical Eng. & Lab	111–112	2	2	3	3	260
Engineering Economics	172	2	..	..	..	263
Engineering Law	175	1	1	..	..	259
History of Chemistry	74	..	1	..	..	252
Inorganic Chem. Technology	68A	2	..	..	..	251
Organic Chemical Technology	69A	..	2	..	..	252
Physical Chemistry Lab	66A	..	..	9	9	251
Chemical Eng. Operations	77	5	5	..	..	253
Chem. Eng. Lab. & Thesis	78	..	..	7	7	253
Summer Essay	134	..	..	..	..	243
Total hours		18 or 19	15 or 16	19	19	

III. CIVIL ENGINEERING

The courses of study are designed to emphasize the fundamental principles of mechanics, strength of materials, design of structures, and hydraulics, at the same time affording an opportunity of applying these principles to practical problems ranging widely over the field of civil engineering. A sound foundation is laid for future specialization. The outlook of the student is broadened by courses in Mechanical and in Electrical Engineering. In the Fourth Year an alternative course in Municipal Engineering is provided. In the designing courses special attention is given to the interpretation and critical discussion of specifications and to the economic principles involved. Students are recommended to obtain practical experience during the summer vacations, and are especially recommended to spend at least one vacation in a drafting office.

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 224 and 225, with additional Summer School for students entering Third Year. (See page 239.)

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Economics	171	..	2	..	..	263
Foundations	89	1	1	..	3	255
Geology, General	141	2	2	2	2	264
Engineering Reports (optional)	137	1	1	..	..	264
Highway Engineering	85	..	2	..	6	256
Hydraulics and Lab	97–98	2	..	3	..	256
*Map Projections (alt.)	351	..	..	3	..	281
Mech. Eng. and Lab	226, 228	2	2	3	3	268
Mechanics	86	2	..	..	..	254
Railway Eng	92–93	2	..	6	..	256
*Sanitary Science (alt.)	82	1	..	3	..	256
Strength of Matls. and Lab.	87–88	2	2	..	3	255
Structural Eng	90	..	1	..	3	255
Surveying	353	2	2	..	..	281
Surveying Field Work	354	..	..	..	..	281
Summer Reading or Essay	133	..	..	..	..	242
Total hours		15 to 17	14 or 15	17	20	

*Map Projections (351) is alternative with Sanitary Science (82).

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Elements of Elec.Eng. & Lab.	111–112	2	2	3	3	260
Engineering Economics	172	2	..	..	..	263
Engineering Law	175	1	1	..	..	263
Engineering Relations (optional)	138	1	1	..	..	264
Geodesy and Lab	359, 360	2	..	3	..	281
*Geodetic Field Work	361	..	..	..	..	282
Strength of Materials	95	2	1	..	3	257
Theory of Structures	94	1	2	3	6	256
and either						
Bridge Design	96	2	2	6	6	257
Hydraulic Machines	99	..	2	..	..	257
Municipal Engineering	101	2	2	..	3	258
or						
Bridge Design	96a	2	2	6	3	257
Civic Administration	104	1	..	..	..	258
Waste Disposal	103	1	..	..	..	258
Water Sup. and Sewerage	102	..	3	..	6	258
Summer Essay	134	..	..	..	..	243
Total hours		14 or 15	11 to 13	15	21	

*See page 239.

IV. ELECTRICAL ENGINEERING

The Third Year of the Electrical Engineering course provides the student with a broad engineering training. Courses in mechanical engineering, thermodynamics, and strength of materials occupy a large place in the syllabus, although the greatest emphasis is placed on the study of the principles of Electrical Engineering.

The course in Electrical Engineering theory includes a study of electro-magnetism and of the electric circuit, followed by an analysis of the theory and characteristics of direct current machinery. A study is made of alternating current flow in single phase and polyphase circuits. This training is applied in the laboratory and in the solution of problems. Courses in differential equations and in molecular physics prepare the student for the electrical circuit theory and electrical communication courses of the Fourth Year.

The Fourth Year is devoted almost entirely to electrical engineering studies.

Technical courses cover the generation, transmission and distribution of electric power; direct and alternating current phenomena; electrical machinery; electric lighting; various systems of power distribution and transmission; central station design; electrical traction systems; hydro-electric power development; electro-chemistry; electrical measurements; communication engineering, etc.

Visits are made to electrical works and power plants.

FIRST AND SECOND YEARS

As in other Engineering Courses. (See pages 224 and 225.)

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Differential Equations	201	2	..	..	..	267
Economics	171	..	2	..	..	263
Electrical Engineering	113	4	4	..	..	260
Electrical Eng. Lab	114	..	..	12	12	261
Engineering Reports (optional)	137	1	1	..	..	264
Machine Design	225	2	2	..	..	268
Mech. Eng. and Lab	223, 226	2	2	6	3	268
Mechanics	86	2	..	..	..	254
Thermodynamics	229	2	2	..	..	269
Strength of Mats. and Lab.	87, 88	2	2	..	3	255
Physics	318	..	2	..	..	280
Summer Reading or Essay	133	..	..	..	..	242
Total hours		16 or 17	16 or 17	18	18	

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Electrical Design & Problems	122	1	1	3	6	262
Electrical Engineering	117	4	4	..	..	261
Electrical Measurements	124	2	..	3	3	262
Electrical Engineering Lab.	118	..	..	6	9	261
Communication Eng. and Lab.	125	2	2	3	..	262
Engineering Relations (optional)	138	1	1	..	..	264
Applications of Electricity	123	..	3	..	..	262
Elec. Light & Power Dis.	120	2	..	..	..	261
Hydraulics & Lab	97, 98	2	..	3	..	256
Economics	172	2	..	..	..	263
Engineering Law	175	1	1	..	..	263
Summer Essay	134	..	..	..	..	243
and one of:—						
(1) Electric Traction	121	..	2	..	..	261
(2) Hydraulic Machines	99	..	2	..	..	257
(3) Machine Design	243	..	2	..	..	270
(4) Applied Electro Chemistry	70A	2	..	..	..	252
Total hours		16 to 19	11 to 14	18	18	

V. MECHANICAL ENGINEERING

Undergraduates entering the Third Year elect one of three courses: Mechanics of Machines and Thermodynamics, or Calculus and Strength of Materials, or Accounting and Industrial Engineering.

The subjects of instruction in this Department are of interest to students who are likely to take up work connected with:—

(a) The engineering of production, including industrial engineering; (b) steam engineering; (c) gas engine and producer work; (d) power plant engineering; (e) heating and ventilation; (f) æronautics and ærodynamics.

Instruction is given during the Third and Fourth Years in mechanical engineering applied to power installation and prime movers. This work is supplementary to thermodynamics, mechanics of machines and machine design, and leads to power plant design, industrial plant design and works organization.

Students in Mechanical Engineering take work in electrical engineering during the Third Year.

Workshop practice instruction is given in the Third and Fourth Years to prepare for that practical experience which every mechanical engineer must obtain for himself.

The course in thermodynamics deals with the theory of heat engines, including graphical and experimental work.

Arrangements are made for occasional visits to power plants and factories of importance.

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 224 and 225), with additional Summer School for students entering Third Year. (See page 239.)

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Economics	171	..	2	..	..	263
Elements of Elect. Eng. and Lab	111–112	2	2	3	3	260
Engineering Reports (optional)	137	1	1	..	..	264
Industrial Engineering	237	2	..	..	..	269
Machine Design	225	2	2	..	..	268
Mechanical Drawing	231	..	..	6	3	269
Mechanical Eng. and Lab	227, 228	3	3	3	3	269
Mechanics	86	2	..	..	..	254
Shopwork	236	..	..	3	3	269
Strength of Mats. and Lab.	87, 88	2	2	..	3	255
Structural Engineering	90	..	1	..	3	255
Thermodynamics	229	2	2	..	..	269
Summer School	233	..	..	..	..	269
Summer Reading or Essay	133	..	..	..	..	242
*Differential Equations (Optional)	201	2	..	..	..	267
and						
Accounting	238	1	1	2	2	270
or						
Mechanics of Machines	224	2	2	1	1	268
Total hours		15 to 20	15 to 17	16 or 17	19 or 20	

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Designing	241	..	..	3	3	270
Engineering Economics	172	2	..	..	..	263
Engineering Law	175	1	1	..	..	263
Engineering Relations (optional)	138	1	1	..	..	264
Experimental Eng.	257	1	1	..	..	271
Heat. and Vent. of Buildings	247	1	1	..	..	270
Hydraulics and Lab	97, 98	2	..	3	..	256
Hydraulic Mach.	99	..	2	..	..	257
Machine Design	242	2	2	..	..	270
Power Plant Design	244	1	1	..	3	270
Shopwork	252	..	..	3	3	271
Summer Essay	134	..	..	..	..	243
**Strength of Materials	95A	2	..	..	..	257
and						
Industrial Administration	254	..	1	..	3	271
Industrial Engineering	253	2	2	3	3	271
Industrial Relations	258	2	..	..	..	272
Mech. Eng. Lab	249a	..	..	6	6	271
or						
Thermodynamics	251	2	2	..	..	271
Industrial Administration	254	..	1	..	3	271
Industrial Relations	258	2	..	..	..	272
Mech. Eng. Lab	249	..	..	9	9	270
or						
*Mech. Eng. Lab	249	..	..	9	9	270
*Mech. of Mach	240	2	2	1	1	270
Thermodynamics	251	2	2	..	..	271
Total hours		16 or 17	11 to 13	18 or 19	19 or 21	

*Prerequisite Mechanics of Machines 224.

**Students intending to specialize later in areodynamics take optional courses in Calculus (201) and Strength of Materials (95A).

VI. METALLURGICAL ENGINEERING

The course of instruction provides: (a) a general scientific and engineering education: (b) advanced work in inorganic, physical and electro-chemistry and chemical analysis, (c) as much general engineering as time will permit; (d) a course in geology, ore deposits and mining; (e) a full course of instruction in the various branches of metallurgical engineering and in the related subjects of mineralogy, ore-dressing and fire-assaying.

Between the Second and Third Years there is a four-weeks' Summer School in inorganic qualitative analysis, beginning about September 1st.

In the Third Year instruction is given in economics, chemistry, physical chemistry, assaying, geology, mineralogy, mining, ore-dressing, metallurgy, and mechanical and structural engineering.

A Metallurgical Field School is held after the April examinations of the Third Year. This school pays visits to metallurgical plants and studies the design and operation of each.

Students are expected to work in a metallurgical plant during the summer before entering the Fourth Year, and must have had experience in metallurgical works before graduation. (See page 220.)

In the Fourth Year instruction is given in chemistry, electro-chemistry, electrical engineering, engineering law, economics, hydraulics, metallurgy, electro-metallurgy, metallography, metallurgical designing and ore-dressing.

Laboratory accommodation is provided for graduate students who wish to do advanced work in metallurgy for the M.Sc. degree, and a Research Fellowship is available each year for a graduate student who shows marked ability.

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 224 and 225). A Summer School in Chemistry must be taken before the beginning of the Third Year. (See page 239.)

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Economics	171	..	2	..	..	263
Engineering Reports (optional)	137	1	1	..	..	264
Fire Assaying and Lab	263, 264	..	1	..	6	272
Geology, General	141	2	2	2	2	264
Gen. Elem. Metall. & Lab.	261	2	..	..	3	272
Inorg. Quant. Anal. and Lab.	62	1	..	9	..	250
Mech. Eng. and Lab	226, 228	2	2	3	3	268
Metall. Calculations	265	1	1	..	..	273
Mineralogy	142	2	2	..	..	265
Mineralogy, Determinative	143	..	..	6	..	265
Mining Engineering	291	2	..	..	..	276
Ore Dressing	292, 295	2	2	..	..	276
Physical Chemistry	58	2	..	..	..	250
Strength of Mats. and Lab.	87, 88	2	2	..	3	255
Structural Engineering	90	..	1	..	3	255
*Summer School, Inorg. Qual. Anal. and Lab	54, 55	..	..	..	..	249
Summer Reading or Essay	133	..	..	..	..	242
Total hours		18 or 19	15 or 16	20	20	

*See page 239.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Applied Electro-Chemistry	70A	2	..	..	..	252
Elem. Elec. Eng. and Lab.	111, 112	2	2	3	3	260
Electro-Metal. and Lab	275	..	2	..	3	274
Engineering Economics	172	2	..	..	..	263
Engineering Law	175	1	1	..	..	263
Engineering Relations (optional)	138	1	1	..	..	264
General Metallurgy	271	2	2	..	..	273
Hydraulics and Lab	100	1	..	1½	..	258
Inorganic Chem. Technology	68A	2	..	..	..	251
Inorganic Lab	67A	1	..	9	..	251
Metallurgy, Advanced	272	2	2	..	..	274
Metallurgical Lab. and Thesis	274	..	..	..	9	274
Metallurgy Colloquium	277	..	1	..	..	274
Metal. Calcs. and Design	278	..	..	..	6	274
Metallurgical Analysis	279	..	1	..	3	275
Metallography and Lab	280, 281	1	..	3	..	275
Ore-Dressing and Lab	300, 305	2	1	3	..	277
*Metallurgical Field School	267	..	..	..	..	273
Summer Essay	134	..	..	..	..	243
Total hours		18 or 19	12 or 13	19½	24	

*Metallurgical Field School (267) is taken at the end of the Third Year. See page 234. For Summer Schools, see pages 239 and 273.

VII. MINING ENGINEERING

The Third Year is devoted to applied mechanics, electrical engineering, mechanical engineering, and surveying, but courses of special interest to Mining Engineers are introduced in ore-dressing and elementary mining and metallurgy, geology and mineralogy.

The Fourth Year is given up to technical work in ore-dressing, economic geology and metallurgy, and includes nearly three full days per week in laboratories and drafting room. In the second term each student prepares a thesis on an experimental investigation.

A Field School in mining, ore-dressing and geology is held between the Third and Fourth Years, beginning immediately after the close of the April examinations. Students are taken on a trip to some important mining district where mines and plants are studied. As far as conditions permit, Second Year students who intend to enter the mining course are given the benefit of this summer school.

Facilities are available for graduate students who wish to do advanced work in mining or ore-dressing, and the Department possesses three Research Fellowships open to graduates who show ability. (See page 215.)

FIRST AND SECOND YEARS

As in other Engineering Courses (see pages 224 and 225), with additional Summer School for students entering Third Year. (See page 239.)

THIRD YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Economics	171	..	2	..	..	263
Engineering Reports (optional)	137	1	1	..	..	264
*Fire Assaying and Lab.	263, 264	..	1	..	6	272
Geology, General	141	2	2	2	2	264
*Inorg. Qual. Anal. and Lab.	59, 60	1	..	6	..	250
Mech. Eng. and Lab	226, 228	2	2	3	3	268
Gen. Element. Metall	262	2	..	..	..	272
Mineralogy	142	2	2	..	..	265
Mineralogy, Determinative	143	..	..	6	..	265
Mining Engineering	291	2	..	..	..	276
Ore Dressing	292, 295	2	2	..	..	276
Strength of Mats. and Lab.	87, 88	2	2	..	3	255
Structural Engineering	90	..	1	..	3	255
Surveying	352	1	1	..	..	281
†Surveying Field Work	354	..	..	..	..	281
Elect. Engineering and Lab.	111, 112	2	2	3	3	260
Summer Reading or Essay	133	..	..	..	..	242
Total hours		18 or 19	17 or 18	20	20	

*The lecture hour assigned to these subjects is taken from the afternoon laboratory periods.

†See page 239.

FOURTH YEAR

SUBJECT	Subject Number	Lecture hours per week		Laboratory, etc., hours per week		For details see page
		First term	Second term	First term	Second term	
Mine Design	298	..	..	..	6	277
Engineering Economics	172	2	..	..	..	263
Engineering Law	175	1	1	..	..	263
Engineering Relations (optional)	138	1	1	..	..	264
Geology of Canada	149	1	..	..	..	266
Hydraulics and Lab	100	1	..	1½	..	258
*Inorg. Quantitative Anal.	71	1	..	9	..	252
Metallurgy, General	271, 284	2	2	..	3	273
Metallurgical Calc	283	1	1	..	..	275
Mining Engineering	297	3	3	..	..	277
Mining Colloquium	301	..	1	..	..	277
Practical and Field Geology	147	1	..	3	..	265
Ore Deposits	148	..	4	..	..	266
Ore-Dressing	300	2	1	..	..	277
Ore-Dress., Lab. and Thesis	306, 307	..	..	3	9	277
Petrography and Lab	146	1	..	3	3	265
Mining Field School	294	..	..	..	..	279
Mine Mapping	293	..	..	1½	..	276
Summer Essay	134	..	..	..	..	243
Total hours		16 or 17	13 or 14	21	21	

*The lecture hour assigned to this subject is taken from one of the afternoon laboratory periods.

NOTE.—Surveying Field Work, between the Second and Third Years. See pages 239 and 279.

Mining Field School at end of Third Year. See page 279.

COURSE IN ENGINEERING PHYSICS

Second Year students desiring to proceed to a degree in Engineering Physics should apply to the Dean, Faculty of Engineering, for information

SUMMER SCHOOLS

Undergraduates are required to attend Summer Schools as specified below. These are held immediately after the April sessional examinations, and the work is set forth in detail under the subject numbers referred to.

Except as noted, classes are expected to begin on or about April 30th and close about May 26th.

COURSE	Students entering Second Year		Students entering Third Year		Students entering Fourth Year	
	Subject No.	Page	Subject No.	Page	Subject No.	Page
Architecture	347	281	35, 36, 37, 38	247	35, 36, 37, 38	247
Chemical Engineering	*54, 55	249	*67	251	..	
Civil Engineering	347	281	354	281	361	282
Elect. Engineering	347	281	...		...	
Mechanical Engineering	347	281	*233	269	...	
Metallurgical Engineering	347	281	*54, 55	249	267	273
Mining Engineering	347	281	354	281	294	279

†This school will be held in September, 1932, and will last a little over two weeks. Particulars as to dates, etc., must be obtained from the Head of the Department.

*These Schools commence on September 1st, extend over a period of four weeks and are held with the Special Summer Schools. See pars. (b) and (c) below.

NOTE—SPECIAL SUMMER SCHOOLS

As it is seldom practicable for students admitted to advanced standing in McGill University from other colleges to attend the May Summer School preceding the work of the year to which they are admitted, the following arrangements have been made for such students, but it must be understood that, except as noted in the table above, they apply only to students who have not previously been in attendance in the Faculty of Engineering.

(a) Students entering the Second Year, except in Chemical Engineering, are required to attend a special Summer School in Surveying which extends from September 14th to 28th, inclusive, preceding the work of the Session. Additional work may be required in the following year, if necessary to cover the course. Students entering the Second Year in Chemical Engineering take the regular Summer School. (See page 280.)

(b) Students entering the Third Year of the courses in Chemical Engineering and Metallurgical Engineering are required to attend a Special Summer School in Chemistry which extends over a period of four weeks commencing September 1st.

(c) Students entering the Third Year of the course in Mechanical Engineering will be required to attend a Summer School in Mechanical Drawing and Machine Shop Work extending over a period of four weeks, commencing September 1st.

(d) Students entering the Third Year in the courses in Civil and in Mining Engineering and the Fourth Year in Civil Engineering are required to attend a Special Summer School in Surveying from September 14th to 28th, inclusive, and in these courses further work in Surveying, to be specified by the Head of the Department, is required for a portion of the month of May following.

(e) Students entering the Third Year in the course in Electrical Engineering are required to submit evidence satisfactory to the Head of the Department, that they have been employed for a time at least equivalent to one month of steady employment, in a first-class electrical shop during the vacation preceding their entrance into the Third Year.

(f) Students entering the Third Year or any subsequent year in the course in Architecture must submit evidence satisfactory to the Head of the Department that they have done work equivalent to that of the regular scheduled Summer Schools.

(g) Students entering the Fourth Year in the courses in Mining and Metallurgical Engineering are required to submit evidence that they have had practical experience in mining and metallurgical work at least equivalent in extent to the work done in the regular Summer Schools in these courses, and should by correspondence in the preceding spring secure the approval of the Head of the Department concerned, of the work which they propose to offer in place of the regular summer work.

SUMMER WORK, SUMMER ESSAYS AND SUMMER READING

Students in Engineering are required to submit to the Faculty evidence of having had at least six months of experience in practical engineering work before receiving their degrees. Evidence of such employment must be submitted on forms obtainable at the Dean's Office, to be signed by the employer and handed in at the office not later than 5 p.m. October 10th, 1932.

A similar regulation applies to students in Architecture, who must have had at least eight months of practical experience before receiving their degrees. This experience must include work in an architect's office.

GENERAL REQUIREMENTS

Essays are regarded as a very important part of the curriculum and a high standard is exacted. They are judged on their subject matter, literary style and the evidence they show of thoughtful preparation.

The most acceptable subject for an essay is a critical description of the work on which the student is engaged during the summer, but a description of any engineering, scientific or industrial work with which he is familiar will be accepted. Students who secure summer engagements in engineering work should take advantage of every opportunity to gather material suitable for an essay.

No essay compiled from books alone will be accepted unless the student has obtained in advance the written approval of the Head of his Department. Information obtained from books and other sources may, however, be used or even quoted verbatim, provided full acknowledgment is made and all quotations enclosed in quotation marks. Similarly, drawings, blue prints, etc., may be included in the essay, provided full acknowledgment is made.

The student should be particularly careful to make acknowledgment of information or drawings regarding matters which have not come within his personal experience, by means of a letter attached to the essay.

Essays should normally be from 2,000 to 5,000 words in length. They should be illustrated by drawings, sketches, and, when desirable, by photographs, specimens, etc., and **must be typewritten** on paper of substantial quality and **8½ x 11 inches in size.**

Essays, with the exception of those which require consideration by the Committee on English because of literary defects, or those which are considered eligible for Undergraduate Society prizes, will be returned to students on or before December 1st. Students are encouraged to submit their essays to the Engineering Institute of Canada or to the Canadian Institute of Mining and Metallurgy, in competition for students' prizes offered by these Institutes.

All summer essays must be handed in at the Dean's Office not later than 5 p.m., October 10th, 1932.

Examinations in Summer Reading will be held on or about the opening day of the session. The number of marks assigned to the reading course and to the essay is the same.

STUDENTS IN ARCHITECTURE

During each summer vacation all students are required either to work for five weeks in the office of an architect or contractor, or prepare thirty-five reasonably large freehand sketches in any desired medium.

In addition, students entering the various years are required to fulfil the following requirements:—

Second Year

Pass an examination on J. H. Breasted—Ancient Times (Ginn and Co., New York).

Third and Fourth Years

Pass an examination on the following books, or submit an essay on a subject approved by the Head of the Department:—Quennell—A History of Everyday Things in England, Part II—(B. T. Batsford, London); The Autobiography of Benvenuto Cellini (Everyman's Library, Dent, London).

Fifth Year

Pass an examination on the following books, or submit an essay on a subject approved by the Head of the Department:—

Ruskin, Seven Lamps of Architecture (Everyman's Library); A. Clutton Brock, William Morris—His Work and Influence (No. 89, Home University Series, Williams & Norgate, London).

STUDENTS IN ENGINEERING

Second Year

132. Students entering the Second Year must either pass an examination on not fewer than four of the following books, or submit an essay on engineering work in which they have been engaged:—

Haldane, Possible Worlds, (Phœnix Library).
Bennett, Imperial Palace, (Cassell & Co.).
Travels of Marco Polo, (Everyman's Library).
Strachey, Eminent Victorians, (Phoenix Library).
Monckton, Some Experience of a New Guinea Resident Magistrate, (Weekend Library).
Stevenson, Virginibus Pueresque, (Heinemann).
Lucas, Over Bremerton's, Methuen.
Conrad, Mirror of the Sea, (Heinemann).

The essay, which should be approximately 2,000 words in length, must be illustrated and conform to the requirements for essays stated above.

Third Year

133. Students entering the Third Year must pass an examination on the following book, or submit an essay, preferably on engineering work in which they have been engaged:—Cheyney. An Introduction to the Social and Industrial History of England, revised edition, (Macmillan).

Essays must conform to the requirements stated above except that they may be somewhat shorter, but not less than 2,000 words in length.

Students in Chemical, Electrical or Mechanical Engineering who elect to write an essay, but are not engaged during the summer in suitable engineering, scientific or industrial work may write on one of the following subjects:—

Chemical Engineering.—(1) The Paint Industry; (2) The Solvay Process for Soda Manufacturing; (3) Manufacture of Illuminating Gas.

Electrical Engineering.—The Application of Electric Power to Industrial Establishments.

Mechanical Engineering.—(1) Powdered Fuel for Power Production; (2) Pulp and Paper Manufacture; (3) Shop Management.

Students in Mining Engineering or Metallurgical Engineering, who are unable to write on engineering work of which they have personal knowledge, must take the summer reading.

Fourth Year

134. Students entering the Fourth Year are required to submit an essay, preferably on engineering work in which they have been engaged. Students in Chemical, Electrical or Mechanical Engineering who are not engaged in suitable work, may write on one of the following subjects:—

Chemical Engineering.—(1) Hardening of Fats; (2) The Rare Earths; (3) Coal Tar Distillation; (4) Electro-chemical Industries.

Electrical Engineering.—(1) Generation of Electric Power; (2) Long-distance Power Transmission; (3) Distribution of Electric Power; (4) Electrification of Railways.

Mechanical Engineering.—(1) Power Costs; (2) Central Station Heating; (3) Methods of Increasing Production in Manufacturing; (4) Exhaust Steam Turbines Using Steam at Pressures below Atmospheric.

Essays must conform in all respects to the requirements stated on page 240.

Examinations in Summer Reading will be held on or about the opening day of the session. The number of marks assigned to the reading course and to the essay is the same.

SUBJECTS OF INSTRUCTION

The following courses are subject to modification during the year, as the Faculty may deem advisable.

SCHOOL OF ARCHITECTURE

PROFESSORS:—{RAMSAY TRAQUAIR (in charge of School).
PERCY E. NOBBS (in charge of Design).

ASSISTANT PROFESSOR:—FRANK P. CHAMBERS.

SPECIAL INSTRUCTOR:—E. DYONNET.

SPECIAL LECTURERS:—{LESSLIE R. THOMSON
P. J. TURNER

DEMONSTRATORS:—{P. ROY WILSON
A. PRIDEAUX

RESEARCH ASSISTANT:—GORDON A. NEILSON

A.—Design

The course in Design is divided into three classes (A, B and C), intended for the Third, Fourth and Fifth Years respectively. Advanced or backward students are allotted to design classes to suit their individual requirements, irrespective of their standing in other subjects; good standing in Class C must be obtained prior to receiving the degree.

1. CLASS A. (P. 9, 19, 21, 29). Simple problems in composition of a monumental nature. The design of domestic buildings.

2. CLASS B. (P. 1, 22). The design of public buildings.

3. CLASS C. (P. 2) Problems involving the plan, structure and lay-out of complex buildings and groups of buildings. The diploma design for graduation is done in the second term.—Professor Nobbs.

B.—Aesthetic

4. THE ELEMENTS OF ARCHITECTURE.

The five classic orders; pedestals, pediments, intercolumniation and superposition of orders; arches; vaults; domes; roofs; openings, etc.—24 lectures—Professor Chambers.

P—Prerequisite. See page 284.

5. History of Art.

A course in the history of painting and sculpture with special reference to the relation of these arts to architecture.—24 lectures.—Professor Chambers.

6. Theory of Design.

Colour vision; form vision; outline of Aesthetic; function in design; the subject matter of ornament; the treatment of ornament; scale; proportion; corrections; refinements. 24 lectures.

(Readings from selected authors.)—Professor Nobbs.

7. Theory of Planning.

Dimensions; arrangements; scales; prospect; aspect; light; unit planning; axial planning; traffic planning; community planning; town planning. 24 lectures.

(Examples from current architecture analysed.)—Professor Nobbs.

10, 11, 12 and 13. Ornament and Decoration.

(48 lectures and 48 drafting periods extending through two years.)

10. Decorative Heraldry.

The place of heraldry in the arts; the laws of heraldry; heraldic art of different periods; modern practice and tendencies; symbolism and significant ornament.—Professor Traquair.

Text-book:—Eve, Decorative Heraldry. *Reference*:—Fox Davies, The Art of Heraldry.

11. Ornament in Form.

The design of plaster work, terra cotta, stone carving, architectural sculpture, wood carving and furniture.—Professor Traquair.

Reference books:—Millar, Plastering, Plain and Decorative; Bankart, The Art of the Plasterer; Prior, Mediæval Figure Sculpture in England.

12. Metal Work.

The design of iron, bronze, copper, brass, pewter, silver, gold and jewellery.—Professor Traquair.

Reference books:—Murphy, English and Scottish Wrought Iron Work; Starkie Gardner, Ironwork; Lethaby, Leadwork.

13. Color Decoration.

Stained glass; mosaic; inlays; the use of colored materials; mural decoration and the analysis and construction of pattern.—Professor Traquair.

Reference books:—Merson, Vitraux; Day, Windows.

Courses 9 and 10, and 11 and 12 will be taken in alternate years.

C.—History

14. Ancient and Classical Architecture.

Architecture from the earliest times to the Byzantine period with emphasis on Greece and Rome. 48 lectures—Professor Traquair.

Text-book:—Banister Fletcher, History of Architecture; Anderson and Spiers, Architecture of Ancient Greece; Anderson and Spiers, Architecture of Ancient Rome.

15. MEDIAEVAL ARCHITECTURE.

The rise of the Romanesque schools; the evolution of ecclesiastical architecture in France and England to 1500 A.D.; the Gothic schools of Europe. 48 lectures—Professor Traquair.

Text-book:—Power, Mediæval Architecture.

16. RENAISSANCE ARCHITECTURE.

The beginning of the Renaissance in Italy; the Renaissance in France from Francis I. to the Revolution; the earlier and later phases of the Renaissance in England and English architecture during the XVIII century. 48 lectures.—Professor Traquair.

Text-books:—Anderson, Italian Renaissance Architecture; Ward, French Renaissance Architecture; Blomfield, Short History of Renaissance Architecture in England.

17. MODERN ARCHITECTURE.

The architecture of the XIX century in Europe and America: the architecture of French Canada; the modern schools. 48 lectures—Professor Traquair.

D.—Science

MATHEMATICS. Mathematics 1 of the Faculty of Arts and Science, including Algebra, Geometry and Trigonometry. For full particulars, see page 198. Mechanics 194 is taken in Engineering. (See page 267.)

PHYSICS AND LABORATORY. Arts and Science 1.

The instruction includes a course of illustrated lectures on the general principles of physics. 48 lectures and 24 laboratory periods.—Professor Keys.

346, 347 and 348. (P. 191 or Arts and Science 1.) SURVEYING. 4 weeks field school, 48 lectures and 24 drafting periods. (See page 280.)—Professor Kelly.

23 and 24. HYGIENE OF BUILDINGS. 24 lectures in first term, 12 lectures and one graphical problem in second term.

23. Light and air; water; sanitary plumbing; sewage disposal. First term.—Dr. Starkey.

24. The heating and ventilation of buildings. Second term.—Professor McKergow.

P—Prerequisite. See page 284.

E.—Construction

18. Building Construction I. The constructive methods of the building trades. Working drawings. Buildings in progress are visited. 48 lectures and 48 drafting periods.—Mr. Turner.

19. Building Construction II. (P. 18). A continuation of the work of the first year. 48 lectures and 48 drafting periods.—Mr. Turner.

20. Building Materials. A short course given in the second term of the third year. 12 lectures.—Mr. Turner.

21. Architectural Engineering. I. Graphical methods; the strength of materials used in construction; foundations and retaining walls, etc. 48 lectures and 48 drafting periods.—Mr. Thomson.

22. Architectural Engineering II. (P. 21). The design of structural steel with examples; the theory of arch action; the theory and practice of reinforced concrete. 48 lectures and 48 drafting periods.—Mr. Thomson.

F.—Architectural Practice

25. Professional Practice.

Structure of specifications and general clauses; specifications for all trades; conditions of contract; agreement; building by-laws; estimates; reports: professional ethics. 24 lectures and 24 drafting periods.—Mr. Turner.

G.—Drawing

8. Architectural Drawing I. Lettering; descriptive geometry; isometric projection; shades and shadows; the Italian classic orders and their application to actual buildings. 14 drafting periods.—Professor Chambers.

9. Architectural Drawing II. (P. 8). A continuation of the work of the first year; perspective; rendering; the use and combination of classic elements. 8 drafting periods.—Professor Chambers.

26. The buildings studied during the summer sketching classes are drawn out. These periods are in direct connection with the survey of Canadian Architecture at present undertaken by the School.—Professor Traquair.

27, 28, 29. (P. 27, 28) Freehand Drawing. Drawing in charcoal or pencil from casts of architectural ornament, or parts of the figure. Two periods a week during the first three years.—Mr. Dyonnet.

30. Modelling. Two periods a week for the first term of the fifth year.—Mr. Chambers.

31, 32, 33, 34. An essay prepared during the session, on an historical or a theoretical subject is required each year from all students excepting those of the First Year.

35, 36, 37, 38. Summer Work.

During the vacations following the close of the First, Second, Third and Fourth Years, students are required to read and be prepared to pass an

---

P—Prerequisite. See page 284.

examination on a selected architectural work. Every student must, before he receives his degree, have had at least eight months' experience in an architect's or contractor's office satisfactory to the Faculty. The regulations of the Royal Institute of British Architects require that a candidate for the special examination shall have had at least twelve months' experience in an architect's office. Graduates will not be admitted to this examination until they have fulfilled the requirement.

A summer school in surveying is taken in the four weeks following the sessional examinations of the First Year.

39, 40. A summer school in sketching and measuring is attended by all students between the Second and Third, and between the Third and Fourth Years, in the latter part of September, for the study of buildings in Canada and in the United States.

For summer reading, see page 240.

DEPARTMENT OF CHEMISTRY

DIRECTOR AND PROFESSOR OF INORGANIC CHEMISTRY:—F. M. G. JOHNSON.
PROFESSOR OF PHYSICAL CHEMISTRY:—O. MAASS.
PROFESSOR OF ORGANIC CHEMISTRY:—
PROFESSOR OF INDUSTRIAL AND CELLULOSE CHEMISTRY:—HAROLD HIBBERT.
PROFESSOR:—NEVIL NORTON EVANS.
ASSOCIATE PROFESSOR:—W. H. HATCHER.
ASSISTANT PROFESSORS:—C. F. H. ALLEN, E. W. R. STEACIE, J. H. MENNIE.
LECTURERS:—W. H. BARNES, J. B. PHILLIPS.
LECTURE ASSISTANT:—A. E. CANTON.

And about eighteen demonstrators and graduate assistants.

First Year Lectures and Laboratory.

51A. ELEMENTARY PHYSICAL CHEMISTRY. This course deals with chemical theories concerning gases, liquids, solids, solutions, etc., the mechanism of physico-chemical and chemical equilibria, and the influence of pressure, temperature, concentration, catalyst, etc., on chemical processes. Two lectures and one hour supervised problem period per week.—Professor Evans, Professor Maass, and Demonstrators.

Text-book:—Maass & Steacie, Introduction to the Principles of Physical Chemistry.

Second Year Lectures and Laboratory.

53. GENERAL CHEMISTRY. The course is based on the periodic classification of the elements and includes a study of the important metals and their compounds, outlines of metallurgical and other industrial chemical processes, chemical equilibrium, etc. Two hours a week for all students in Engineering.—Professor Evans.

Text-book:—McPherson & Henderson, Introductory College Course.

54. INORGANIC QUALITATIVE ANALYSIS. (P. 51A, C. 55.) A course dealing with the principles of analytical chemistry—nature of solutions, precipitations, etc., explanatory of work done in the laboratory (55). Ten lectures per week for the three weeks of Summer School. (See page 239)—Professor Evans.

Text-book:—Evans, Notes on the Theory of Qualitative Analysis
Reference book:—Stieglitz, Qualitative Chemical Analysis.

55. INORGANIC QUALITATIVE ANALYSIS LABORATORY. (P 51A, C. 54.)

A laboratory course, including experiments on known substances examination of unknown mixtures for base and acid radicals, methods of bringing substances into solution, and study of the chemical reactions involved in these processes. Four weeks' Summer School for students in Chemical and Metallurgical Engineering. (See page 239)—Professor Evans and Demonstrators.

Text-book:—Noyes, Qualitative Analysis.

56. ORGANIC CHEMISTRY. (Arts and Science 2.) A course in general elementary organic chemistry. Three lectures per week.—Professor Hatcher.

Text-book:—Clarke, Introduction to the Study of Organic Chemistry.
Reference book:—Taylor, Reactions and Symbols of Carbon Compounds.

57. ORGANIC CHEMISTRY LABORATORY. (Arts and Science 2.) A course on the preparation and properties of the commoner organic compounds. One period per week.—Professor Hatcher and Demonstrators.

61. INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. A course on the general principles involved in quantitative analysis. One lecture and three laboratory periods per week for Chemical Engineering students.—Professor Mennie and Demonstrators.

P—Prerequisite. C—Concurrent. See page 284.

Third Year Lectures and Laboratory.

58. PHYSICAL CHEMISTRY. (Arts and Science 4.) An introductory course following the development of chemical theory. Two lectures per week, first term, and one per week, second term.—Professor Steacie.

Text-book:—Maass & Steacie, Introduction to the Principles of Physical Chemistry.

59. INORGANIC QUALITATIVE ANALYSIS. (C 60.) A course explanatory of the work done in the laboratory. One lecture per week, first term, for Mining Engineers only.—Professor Evans.

Text-book:—Evans, Notes on the Theory of Qualitative Analysis.

60. INORGANIC QUALITATIVE ANALYSIS. (C. 59.) A course adapted to the requirements of Mining Engineers. Two periods per week, first term.—Professor Evans and Demonstrators.

Text-book:—Noyes, Qualitative Analysis.

62. INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. A course on the general principles involved in quantitative analysis. One lecture and three laboratory periods per week, first term, for Metallurgical Engineering students.—Professor Mennie and Demonstrators.

63. ELEMENTARY CHEMICAL ENGINEERING. (P. 51A, 56, 61; C. 64, 226.) Properties and uses of materials of Chemical Engineering construction; raw materials and sources of energy; chemistry of fuels and combustion; industrial gases; measurement of fluid flow in industry; methods of transfer of energy and of materials; general types of apparatus, etc. Two lectures per week.—Dr. Phillips.

64. CHEMICAL ENGINEERING PROBLEMS. (P. 51A, 56, 61; C. 63.) A supervised problem period, with problems assigned for home work; calculations in combustion, flue gas analysis, fluid flow, etc.; applications of energy and material balances; quantitative problems based on data from process industries. One hour per week.—Dr. Phillips and Assistant.

*65. ADVANCED ORGANIC CHEMISTRY AND LABORATORY. (Arts and Science 5.)

Lectures are devoted to organic compounds, the methods available for establishing the structure and configuration of organic molecules, the nature of problems in organic chemistry and the manner in which they are solved. In the laboratory the methods of organic synthesis and analysis are studied. In special cases the laboratory work may be varied to suit the needs of the student. Exceptional students are allowed to undertake simple problems in research during the second term. Three lectures and four laboratory periods per week.—Professor Allen and Demonstrators.

---

*Subjects marked with a star are open to graduates as well as undergraduates.

P—Prerequisite. C—Concurrent. See page 284

65A. ORGANIC QUALITATIVE ANALYSIS. (Arts and Science 5A.)

This course deals with the detection, separation and identification of organic compounds whether alone or in mixtures. One laboratory period per week.—Professor Allen and Demonstrator.

Text-book:—Kamm, Qualitative Organic Analysis.

*66. PHYSICAL CHEMISTRY. (Arts and Science 7.) Three lectures per week on general physical chemistry, including the kinetic theory, thermo-chemistry, electron theory in chemistry, chemistry of radioactive substances, etc. Students will be required to work problems dealing with the subject matter of the lectures.—Professor Maass.

Text-book:—Nernst, Theoretical Chemistry.

67. INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. (Arts and Science 8(1).) A lecture and laboratory course dealing with methods of analysis of iron and steel, alloys and water; gas analysis; electrometric titration and other recent methods in volumetric analysis. Four weeks Summer School preceding the Third Year, for Chemical Engineering Students.

Reference-books:—Lord and Demorest, Metallurgical Analysis; Treadwell-Hall, Quantitative Analysis; Blair, Chemical Analysis of Iron; Ibbotson, Analysis of Steel Works Materials; Kolthoff-Furman, Volumetric Analysis; Kolthoff–Furman, Potentiometric Titrations.—Professor Mennie and Demonstrators.

Fourth Year Lectures and Laboratory.

*66A. PHYSICAL AND COLLOID CHEMISTRY LABORATORY. (Arts and Science 7A.) Three laboratory periods per week are devoted to typical measurements in physical and colloid chemistry.—Professors Maass and Steacie and Demonstrators.

Text-book:—Findlay, Practical Physical Chemistry.

67A. INORGANIC QUANTITATIVE ANALYSIS AND LABORATORY. Lectures deal with the methods of analysis of iron and steel, alloys and water. Laboratory work is a continuation of 62. One lecture and three laboratory periods per week, first term; for Metallurgical Engineering students.—Professor Mennie and Demonstrators.

Reference-books:—As for course 67.

68A. INORGANIC CHEMICAL TECHNOLOGY. (P. 61, 62.) A descriptive study of important inorganic industrial processes, with special reference to recent developments in plant design and manufacturing methods. Two hours per week, first term.—Dr. Phillips.

---

*Courses marked with a star are open to graduates as well as undergraduates.

P—Prerequisite. See page 284.

69A. Organic Chemical Technology. (P. 56, 57.) Selected topics in organic technology, including catalytic and high-pressure processes, hydrogenation, cracking of hydrocarbons, carbonization processes, industrial colloids and fibres, etc. Two hours per week, second term.—Dr. Phillips.

70. Electrochemistry. (Arts and Science 11.) Lectures deal with the laws of conduction and electrolysis; the theory of ionization; the conductance of strong electrolytes; chemical electro-motive force; polarization; concentration cells; oxidation-reduction potential, etc., as applied to the winning and refining of metals; the construction of primary and secondary cells, and problems of electro-plating and corrosion.

Two lectures a week, first term, for Chemical Engineering students.—Professor Mennie.

Reference books:—Creighton, Electrochemistry; Allmand, Applied Electrochemistry.

70A. Applied Electrochemistry. Laws of conduction and electrolysis, the theory of ionization and of chemical electro-motive force; electrolytic winning and refining of metals; electroplating; construction of primary cells and accumulators; preparation and electrochemical behaviour of the elements used in incandescent lamps. Important industrial processes are studied in detail.

Two lectures per week, first term, for Electrical and Metallurgical Engineering students.—Professor Mennie.

Reference book:—Allmand, Applied Electrochemistry.

71. Inorganic Quantitative Analysis. A laboratory course specially designed for Mining Engineers. Four periods per week, first term. —Professor Mennie and Demonstrators.

*72. Advanced Inorganic Chemistry. (Arts and Science 6.) Lectures on inorganic chemistry, discussing the elements and their compounds in accordance with the general principles of physical chemistry. Two lectures per week.—Professor Johnson.

74. History of Chemistry. (Arts and Science 9.) (Optional for Engineering students.) A short course dealing with the development of chemistry from the historical standpoint. One lecture per week, second term.—Dr. Barnes.

*75. Colloid Chemistry. (Arts and Science 15.) Two lectures per week. (Laboratory work, see 66A.).—Professor Steacie.

---

*Subjects marked with a star are open to graduates as well as undergraduates.

P—Prerequisite. See page 284.

*76 CHEMICAL ENGINEERING. (P. 58.) A course dealing with the general principles of Chemical Engineering Processes. One lecture per week.—Dr. Phillips.

77. CHEMICAL ENGINEERING OPERATIONS. (P. 63, 87, 226; C. 78, 111.) A quantitative study of the unit operations of Chemical Engineering; flow of fluids; heat transmission; evaporation; distillation; drying; diffusional processes; filtration; crushing; grinding; size separation; types of equipment to illustrate application of the theoretical considerations. Two lectures, two hours problem period, and one hour recitation, per week.—Dr. Phillips and assistant.

78. CHEMICAL ENGINEERING LABORATORY AND THESIS. (C. 77.) Seven hours per week is available for experiments in unit operations and industrial processes, also for thesis work and plant investigations. Each student is assigned a problem for study, requiring investigation of the literature, experimental work, regular reports, and thesis.—Dr. Phillips and assistant.

Graduates with the degree of B.Eng. in Chemical Engineering may proceed, if their work has been of sufficiently high standard, to the degree of M.Sc. in Chemistry. See page 407.

---

*Subjects marked with a star are open to graduates as well as undergraduates.

P—Prerequisite. C—Concurrent. See page 284.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

PROFESSORS:—E. BROWN, R. DeL. FRENCH, R. E. JAMIESON

ASSOCIATE PROFESSOR:—G. J. DODD

ASSISTANT PROFESSORS:—F. M. WOOD, JAMES WEIR

LECTURER:—L. O'T. COOPER

RESEARCH FELLOW:—C. M. MORSSEN

ASSISTANT IN CHARGE OF TESTING LABORATORY:—S. D. MACNAB

First Year.

80. ENGINEERING PROBLEMS. Application of mathematics and mechanics to scientific and engineering problems, with special attention to the expression of ideas in mathematical and graphical form.

Required of all engineering students. Three hours per week.—Professors Dodd, Wood and Weir.

Second Year.

81. MATERIALS OF CONSTRUCTION. Manufacture and properties of cast iron; wrought iron; crucible, Bessemer and open hearth steel. Course of prescribed reading with occasional conferences.

Required of all engineering students.—Professor Sproule.

Text-book:—Spring, Non-Technical Chats on Iron and Steel.

83. MECHANICS. (P. 194, C. 198.) General principles of statics and of the dynamics of a particle, with examples illustrating their application to engineering problems.

The course includes equilibrium of forces; friction; force and funicular polygons; bending moment and shear; forces in framed structures; relative velocity; variable motion (straight line and curvilinear); simple harmonic motion; pendulum; springs; inertia forces in machines; crank effort curves; flywheels, etc. Calculus methods are used freely.

Two lectures and two hours problems per week.—Professors Jamieson and Dodd and Mr. Cooper.

Reference books:—Poorman, Applied Mechanics; MacInnes, Elements of Practical Mechanics; Brown, Engineering Mechanics.

Third Year.

86. MECHANICS. (P. 83, 198.) This course deals with the dynamics of a rigid body and includes problems on flywheels, general motion of bodies having translation and rotation, oscillation of a rigid body about a fixed axis, impulse, elementary principles of the gyroscope, etc. Two lectures per week, first term.—Professor Brown.

P—Prerequisite. C—Concurrent. See page 284.

Reference books:—Worthington, Dynamics of Rotation; Poorman, Applied Mechanics.

87. STRENGTH OF MATERIALS. (P. 83, 198.) This course deals with the fundamental principles of the strength of materials, including stress, strain, resilience, and the elastic properties of materials used in construction; bending moment and shearing force diagrams; strength, curvature, and deflection of beams; continuous beams; cantilever beams and the like; reinforced concrete beams; strength of shafting; spiral springs; columns; bending combined with tension or compression; elementary consideration of compound stresses; distribution of shearing stress on various sections, etc.

Required of all engineering students. Two lectures per week, session.—Professors Brown and Jamieson.

Reference books: Morley, Strength of Materials; Case, Strength of Materials; Timoshenko, Strength of Materials, Part I.

88. STRENGTH OF MATERIALS LABORATORY. (C. 87.) The work illustrates the principles of course 87, including tension tests; stress-strain diagrams by extensometers and by scales; deflection of beams; torsion of shafts; experiments on helical springs; torsional oscillations; moment of inertia; Young's modulus; tests of Portland cement; demonstrations of the breaking of timber and reinforced concrete beams and small columns, the compressive strength of concrete, etc. Three hours per week, second term.—Professors Jamieson, Dodd, and Wood, Mr. Cooper and Mr. MacNab.

89. FOUNDATIONS AND MASONRY. (C. 87.) Borings; bearing power of soils; piles and pile driving; concrete piles; footings; grillages; underpinning; foundations under water, cofferdam, open dredging, pneumatic and freezing processes; estimation of quantities from drawings; costs.

Required of Civil Engineering students. One lecture per week session; three hours problems per week, second term.—Professor Dodd.

Text-book:—Jacoby and Davis, Foundations of Bridges and Buildings.

90. STRUCTURAL ENGINEERING. (C. 87.) Problems in the design of beams, plate girders, columns, roof trusses, knee bracing, etc.; working drawings; estimates of quantities. Required of students in Chemical, Civil, Mechanical, Metallurgical and Mining Engineering. One lecture and three hours problems per week, second term.—Professor Dodd.

Reference books:—Ketchum, Structural Engineer's Handbook; Ketchum, Mill Buildings; Bishop, Structural Drafting and Design of Details; Voss and Varney, Architectural Construction, Vol. II, Book Two, Steel Construction; Steel Construction, A.I.S.C.

P—Prerequisite. C—Concurrent. See page 284.

92. RAILWAY ENGINEERING. (P. 83, 346, 347, 348.) The various types of railway survey; duties of a resident engineer; economics of railway location, including locomotive and grade problems, operating expense analysis, and effect of distance, rise and fall, and curvature; turnouts and track problems. Required of Civil Engineering students. Two hours per week, first term.—Professor Wood.

Reference books:—Allen, Railroad Curves and Earthwork; Williams, Design of Railway Location.

93. RAILWAY ENGINEERING. (P. 83, 346, 347, 348, C. 92.) This course supplements and illustrates course 92; design of turnouts and ladder tracks; field notes for spirals and compound curves; revision problems; earth-work; location, with profile, earth-work, mass diagram, velocity profile, bill of material and estimate. Required of Civil Engineering students. Six hours per week, first term.—Professor Wood.

97. HYDRAULICS. (P. 83.) Problems in the discharge of orifices, notches, weirs, pipes and open channels under varying conditions. Required of Civil Engineering students in the Third Year and of Mechanical and Electrical Engineering students in the Fourth Year. Two hours per week, first term.—Professor Brown.

Text-book:—Schoder and Dawson, Hydraulics.

Reference book:—Gibson, Hydraulics and its Applications.

98. HYDRAULICS LABORATORY. (C. 97.) The course illustrates the principles of course 97, and is taken concurrently; measurement of discharge from orifices, notches and pipes; pressure of jets impinging on vanes; Venturi meter; Pelton wheel; Francis and propeller turbines; centrifugal pumps, etc. Three hours per week, first term.—Professors Jamieson and Wood.

82. SANITARY SCIENCE. Basic principles of sanitation underlying the design of works for water supply, sewerage, heating, lighting and ventilation; etc. Alternative with Map Projections 351. Four hours per week, first term.—Dr. Starkey.

85. HIGHWAY ENGINEERING. Vehicular traffic and its requirements; methods of financing; economics of location; distance, grade and curvature; drainage; earthwork; paving materials; maintenance; accessories; designs and estimates. Two lectures and six hours laboratory per week, second term.—Professor French.

Text-book:—Agg, Construction of Roads and Pavements.

Fourth Year.

94. THEORY OF STRUCTURES. (P. 87.) Analysis of statically determinate frames under fixed and moving loads; distortion of frames; braced arches and arched ribs with two and three hinges; hingeless arches; frames with redundant members.

———

P—Prerequisite. C.—Concurrent. See page 284.

Required of Civil Engineering students. One lecture and three hours problems per week, first term; two lectures and six hours problems per week. second term.—Professor Jamieson.

Reference book:—Johnson, Bryan and Turneaure, Modern Framed Structures.

95 and 95A. STRENGTH OF MATERIALS. (P. 87.) Bending and deflection of beams; deflection due to shear; principle of work applied to deflection of beams and to statically indeterminate problems; bending of curved bars and of unsymmetrical sections; relation between elastic constants; thick shells; earth pressure theories; design of reinforced concrete buildings; footings; retaining walls; study of standard specifications.

Required of Civil Engineering students. (95.) Optional in first term for Mechanical Engineering students. (95A.) Two lectures per week, first term; one lecture and one drafting room period per week, second term.—Professor Brown.

Reference books:—Morley, Strength of Materials; Case, Strength of Materials; Timoshenko and Lessels, Applied Elasticity; Taylor, Thompson and Smulski, Concrete, Plain and Reinforced, Vol. II; Hool, Reinforced Concrete Construction, Vols. II and III; Hool and Johnson, Reinforced Concrete Handbook; Standard Specifications for Concrete and Reinforced Concrete.

96. BRIDGE DESIGN. (P. 90, C. 94.) Selection of type of bridge; discussion of loads; calculation of stresses; determination of sectional areas and forms of members; design of connections; preparation of complete drawings.

Required of students in Civil Engineering. Two lectures and six hours drafting per week, session.—Professor Dodd.

Reference books:—Kirkham, Structural Engineering; Ketchum, Structural Engineer's Handbook; Waddell, Bridge Engineering.

96A. BRIDGE DESIGN. (P. 90, C. 94.) A somewhat briefer course than 96. Required of students taking the Municipal alternative.—Professor Dodd.

99. HYDRAULIC MACHINES. (C. 97.) Development of the modern turbine and centrifugal pump; classification of turbines; specific speed; characteristics of different types; interpretation of results of tests on models; details of typical turbines and pumps; hydraulic formulæ underlying design, etc.

Required in the Fourth Year of Students in Mechanical Engineering and alternative for students in Civil and Electrical Engineering. Two hours per week, second term.—Professor Brown.

Reference book:—Creager and Justin, Hydro-Electric Handbook.

P—Prerequisite. C—Concurrent. See page 284

100. HYDRAULICS AND LABORATORY. (P. 83.) A short course embodying the principles outlined under 97 and 98 (page 256). Required of Mining and Metallurgical Engineering students. One lecture per week and six laboratory periods, first term.—Mr. Cooper.

Text-book:—King and Wisler, Hydraulics.

101. MUNICIPAL ENGINEERING. (P. 97, 98.) Principles of water supply, sewerage, sewage disposal and treatment of garbage and rubbish. Required of Civil Engineering students not taking Municipal alternative. Two lectures per week, session, three hours problems per week, second term.—Professor French.

Text-books:—Babbitt and Doland, Water Supply Engineering; Metcalf and Eddy, Sewerage and Sewage Disposal.

102. WATER SUPPLY AND SEWERAGE. (P. 82, 97, 98.) A course similar to 101, but given in more detail.

Three lectures and six hours problems per week in second term.—Professor French.

Text-books:—Babbitt and Doland, Water Supply Engineering; Metcalf and Eddy, Sewerage and Sewage Disposal.

103. WASTE DISPOSAL. (P. 82.) Characteristics of city wastes; garbage, rubbish and ashes; collection and disposal methods; economic aspects; designs and estimates. Required of students taking Municipal alternative. One hour per week, first term.—Professor French.

Text-book:—Hering and Greeley, Collection and Disposal of Municipal Refuse.

104. CIVIC ADMINISTRATION. Designed to emphasize the connection between the work of the municipal engineer and other civic activities; civic government; finance; education; charities and correction; town planning; engineering work of minor importance. Required of students taking Municipal alternative. One hour per week, first term.—Professor French.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Statically Indeterminate Stresses, Technical Elasticity, Secondary Stresses, Hydraulics and Highway Engineering.

For particulars of these and the qualifications for entering the Graduate Faculty, see pages 407 and 431.

P—Prerequisite. See page 284.

DEPARTMENT OF DRAWING AND DESCRIPTIVE GEOMETRY

PROFESSOR:—HENRY F. ARMSTRONG

DEMONSTRATORS:—L. R. MCCURDY, D. E. EVANS, L. J. ARCAND, C. J. PIMENOFF

This Department provides a general course in drafting office methods and training in the groundwork required in the Engineering courses of the Third and Fourth Years. The proper use of instruments and equipment is practised and study is made of various projection methods. Problems in Descriptive Geometry are especially designed to develop the student's powers of imagination.

First Year.

340. MECHANICAL DRAWING. Instruction in the use of instruments and materials; dimensioning; conventions and standards; preparation of working drawings and tracings; detailing of assembly drawings; making drawings from dimensioned sketches. Three hours per week.—Professor Armstrong and Staff.

Text-book:—Book of Plates (obtainable at Bursar's Office).

341. DESCRIPTIVE GEOMETRY AND GEOMETRICAL DRAWING.—Geometrical methods; plane figures; areas; paths of points moving in planes, etc.; orthographic projections of points, lines, plane figures and solid objects; shadows, etc. Three hours per week.—Professor Armstrong.

Text-books:—Armstrong, Geometrical Drawing; Armstrong, Descriptive Geometry.

342. FREEHAND DRAWING. The object of this course is to train the eye to observe and the hand to record the characteristics and proportions of machines, etc., by making sketches and diagrams, and to prepare dimensioned sketches. One hour and a half per week.—Professor Armstrong.

343. LETTERING. Types and titles in use in drafting offices, including single-line, block and Roman lettering, and stencils. One hour and a half per week.—Professor Armstrong.

Second Year.

344. MECHANICAL DRAWING. (P. 340.) Continuation of Subject 340. Three hours per week.—Professor Armstrong and Staff.

345. DESCRIPTIVE GEOMETRY AND PERSPECTIVE. (P. 341.) Sections of solids; intersections and developments of surfaces; intersecting planes; tangent planes; axometric, including isometric, projections; perspective projection. Three hours per week.—Professor Armstrong.

Text-book:—Armstrong, Descriptive Geometry.

P—Prerequisite. See page 284.

DEPARTMENT OF ELECTRICAL ENGINEERING

PROFESSOR:—C. V. CHRISTIE

ASSOCIATE PROFESSOR:—G. A. WALLACE

ASSISTANT PROFESSOR:—E. G. BURR

LECTURERS:—W. H. SCHIPPEL, F. S. HOWES

DEMONSTRATOR:—S. A. CRAIG

111. ELEMENTS OF ELECTRICAL ENGINEERING. (P. 198, 315.) For Third Year students in Mechanical and Mining Engineering and Fourth Year students in Chemical, Civil and Metallurgical Engineering.

A general course in electrical engineering; laws of electro-magnetism; continuous and alternating current flow; direct and alternating current machinery; fundamental principles of electric lighting, power distribution and electric traction. Two hours per week.—Professor Wallace.

Text-book:—Gray, Principles and Practice of Electrical Engineering.

112. ELECTRICAL ENGINEERING LABORATORY. (C. 111.) For Third Year students in Mechanical and Mining Engineering and Fourth Year students in Chemical, Civil and Metallurgical Engineering.

Tests of direct current metering and controlling devices, generators, motors, boosters, and motor-generators; variable current flow in circuits; alternators, synchronous motors and converters, induction motors and transformers, etc. Three hours per week.

Third Year.

113. ELECTRICAL ENGINEERING. (P. 198, 315.) Consideration of current flow in circuits; laws of electro-magnetism and of the magnetic circuit; direct current machinery; alternating current machinery. Required of students in Electrical Engineering. Four hours per week.—Professor Christie.

Text-book:—Christie, Electrical Engineering.

P—Prerequisite. C—Concurrent. See page 284.

114. ELECTRICAL ENGINEERING LABORATORY. (C. 113.) Covers use and protection of electrical apparatus including measuring instruments; determination of the characteristics of electrical machinery; shop testing; electric circuits; metering and controlling devices; generators; motors; boosters; balancers; motor-generator sets. Experiments are intended to illustrate principles of action. Half the time is spent in the drafting room on Electrical Engineering problems.

Required of students in Electrical Engineering. Laboratory, six hours per week. Problems, six hours per week.

Fourth Year.

117. ELECTRICAL ENGINEERING. (P. 113, 114, 201.) Treatment of alternating current circuits by vector diagrams and vector equations; theory and operating characteristics of alternating current machinery. Required of students in Electrical Engineering. Four hours per week.—Professor Christie.

Text-book:—Christie, Electrical Engineering.

118. ELECTRICAL ENGINEERING LABORATORY. (P. 113, 114. C. 117.) Tests on alternators; synchronous motors; converters; compensators; induction motors; transformers; frequency and phase changing apparatus; potential regulators; rectifiers; condensers, etc. Characteristics are determined from theoretical considerations and through experimentation. Required of students in Electrical Engineering. Laboratory, nine hours per week.—Mr. Schippel and staff.

120. ELECTRIC LIGHTING AND POWER DISTRIBUTION. Generators, transformers, switches and auxiliary apparatus; their characteristics and limitations; wiring diagrams; switchboard design; line design and construction; towers, insulators and conductors; sags and spans; high voltage and transient phenomena; protection of overhead lines, cable system and station apparatus; industrial applications of electrical apparatus; financial considerations. Required of students in Electrical Engineering. Two hours per week, first term.—Professor Burr.

Text-book:—Standard Handbook for Electrical Engineers.

121. ELECTRIC TRACTION. (C. 117.) Urban, interurban and main line electrification; choice of system and apparatus; calculation of motor rating and car equipment; overhead and track construction; control, braking and regeneration; storage batteries and boosters; generating stations and substations; distribution systems; power supply; mitigation of electrolysis and inductive interference.

P—Prerequisite. C—Concurrent. See page 284.

Required of students in Electrical Engineering. Two hours per week, second term.—Professor Wallace.

Text-book:—Standard Handbook for Electrical Engineers.

122. Electrical Design and Problems. (P. 113, C. 117.) The electrical design of direct and alternating current machinery, with special attention to different types of machines and to the preparation of specifications. Required of students in Electrical Engineering. Lectures, one hour per week. Problem work, three hours per week, first term; six hours per week, second term.—Professor Christie.

Text-book:—Gray, Electrical Machine Design.

123. Applications of Electricity. (P. 113, C. 117.) Industrial and general application of electric power; electrical supply systems for industrial power and lighting; problems of plant design; problems of lighting; problems of electrical transmission. Lectures, three hours per week, second term.—Professor Burr.

124. Electrical Measurements and Laboratory. (P. 113.) Measurements of resistance, inductance, capacity, current, electromotive force, etc.; testing of meters; conductivity tests; iron testing; ratio and phase angle of current transformers; photometry; thermionic valve testing and other physical tests. Two lectures per week, first term. One laboratory period per week, session.—Professor Wallace.

125. Communication Engineering. (P. 201, 113.) Radio communication; resonance in series, parallel and coupled circuits; theory and operating characteristics of thermionic vacuum tubes; use of the vacuum tube as amplifier, oscillation generator, modulator and detector; general problem of distortion in the transmission and reception of sound. Two lectures and one laboratory period per week, first term.—Dr. Howes.

Wire communication; fundamentals of wire telephony and telegraphy, transmission theory and inductive co-ordination of power and communication systems. Two lectures per week, second term.—Professor Wallace.

Courses for the Degree of Master of Engineering or Master of Science

Graduate courses are offered in Advanced Mathematics, Physics, Electrical Machine Design, Protection of Electrical Power Systems, Stability of Electrical Power Systems, Inductive Co-ordination of Power

---

P—Prerequisite. C—Concurrent. See page 284.

and Signal Systems, Electric Circuit Analysis, and Advanced Wire Transmission Theory.

For particulars of these and the qualifications for entering the Graduate Faculty, see pages 407 and 437.

ENGINEERING LAW AND ECONOMICS

PROFESSOR OF ACCOUNTANCY:—R. R. THOMPSON
ASSISTANT PROFESSOR OF ECONOMICS:—JOHN THOMAS CULLITON
LECTURER IN ECONOMICS:—EUGENE FORSEY
LECTURER IN LAW:—J. W. WELDON

171. ELEMENTS OF POLITICAL ECONOMY. Production and distribution of wealth; means by which these processes are effected and controlled; various theories concerning their operation and regulation; effect on society, labour and capital, theories of money and credit; prices; public finance; taxation. Two hours per week in the second term of the Third Year.—Professor Culliton.

Reference book:—McGibbon, Economics for Canadian Readers.

172. (P. 171.) (a) CORPORATION FINANCE. Fundamental principles of accounting and corporation finance; capital and revenue receipts and expenditure; corporation shares and bonds; fixed and current assets and liabilities; valuation; depreciation; reserves; manufacturing, construction, trading and profit-and-loss statements; overhead rates; estimates.—Professor Thompson.

(b) CANADIAN ECONOMIC PROBLEMS. Intended to familiarize engineering students with important economic problems of the day; currency and banking system; taxation; trade policy; history of the tariff; transportation, its development and policy.—Mr. Forsey.

Two hours per week, first term, Fourth Year.

175. ENGINEERING LAW. Intended to present an outline of the law useful to engineers and business men. One hour per week in the Fourth Year.—Mr. Weldon.

ENGINEERING PRACTICE

A series of related courses, comprising lectures, reading and written exercises, designed to acquaint the student with the historical background of his profession, its relation to other professions and its place in the structure of modern society; the usage of English, both written and spoken,

---

P—Prerequisite. See page 284.

in engineering and business; methods of elementary statistical analysis; general commercial organization, etc. Frequent extra-curricular lectures, at which attendance is voluntary, are given by qualified speakers from other Faculties or from outside the University.

135. History of Science. Required of all engineering students; one hour per week, session, in the First Year.

136. Engineering Reports. Required of all engineering students, one hour per week, session, in the Second Year.

137. Engineering Reports and Addresses. (P. 136.) Optional for all engineering students, one hour per week, session, in the Third Year.

138. Engineering Relations. Optional for all engineering students one hour per week, session, in the Fourth Year.

A bonus of 25 marks is granted to each student who successfully completes either 137 or 138; this bonus is considered in ranking students, but not in determining whether they have passed their years.

DEPARTMENT OF GEOLOGICAL SCIENCES

Professor of Geology:—John J. O'Neill

Professor of Mineralogy:—R. P. D. Graham

Professor of Palaeontology:—T. H. Clark

Assistant Professors of Geology: J. E. Gill, F. F. Osborne

LeRoy Fellow in Geology:—Alfred R. Byers

Third Year.

141. General Geology. (Arts and Science 1.) The lectures survey the whole field of geology.

(a) Mineralogy and Petrology.—The common rock-forming and economic minerals and more important rocks.

(b) Dynamical and Structural Geology.—Processes of vulcanism; volcanoes, geysers, etc.; disintegration of rocks to form soils; denudation of the earth's surface under atmospheric agencies, rain, running water, glaciers, etc., and the deposition of the materials as sediments; mountain building, earthquakes, folding, faulting, metamorphism, etc.

(c) Historical Geology.—A description of the fauna and flora of the earth during the successive periods of its history and the economic aspects of the subject.

P—Prerequisite See page 284

Lectures are illustrated by the collections in the Peter Redpath Museum, as well as by models, maps, sections and lantern slides.

In addition to lectures there are excursions on Saturday mornings for five or six weeks after term opens; students attending these will be excused from any classes which conflict with the excursions.

Two lectures and two hours laboratory per week.—Professor Clark.

Text-book:—Pirsson & Schuchert, Foundations of Geology, (2 vols.)

142. MINERALOGY. (Arts and Science 5. P. 53.) Description and means of identification of species, with special attention to ores and economic minerals and to those important as rock constituents; geometrical and physical properties of minerals; chemical composition; calculation of formulæ, etc.; principles of classification. Two lectures per week.—Professor Graham.

143. DETERMINATIVE MINERALOGY. (Arts and Science 6. P. 53.) Practice in blow-pipe analysis and its application to the determination of mineral species. Two laboratory periods, first term.—Professor Graham.

Fourth Year.

146. PETROGRAPHY. (Arts and Science 10. P. 141.) Modern petrographic methods are described, and the classification and description of rocks discussed.

One period a week is devoted to practical work in the petrographic laboratory. Thin sections and hand specimens of rocks and polished surfaces of ores are examined.

One lecture, one laboratory period, first term; one laboratory period, second term.—Professors Graham and Osborne.

References:—Pirsson, Rocks and Rock Minerals; Smith, Minerals and the Microscope.

147. PRACTICAL AND FIELD GEOLOGY. (Arts and Science 7. P. 141.) Structure and metamorphism of the earth's crust with reference to folding, faulting, etc., and to igneous intrusions as affecting mineral deposits; methods employed in carrying out geological surveys and in the construction and interpretation of geological maps and sections.

One lecture, one laboratory period, first term.—Professor Gill.

Reference books:—Geikie, Structural and Field Geology; Hayes, Handbook for Field Geologists; Lahee, Field Geology.

P—Prerequisite. See page 284.

148. Ore Deposits. (Arts and Science 8. P. 141, C. 147.) Nature, mode of occurrence and classification of ore deposits; typical occurrences and their origin; important non-metallic minerals; water supply, artesian wells, etc.

Four lectures per week, second term.—Professor O'Neill.

Reference books:—Lindgren, Mineral Deposits; Leith, Economic Aspects of Geology; Emmons, Geology of Petroleum; Kemp, Ore Deposits of the U.S. and Canada; publications of the Geological Surveys of the U.S. and of Canada.

149. Geology of Canada. (Arts and Science 4. P. 141.) A general description of the geology and mineral resources of the Dominion. One lecture per week, first term.—Professor O'Neill.

153. Field Work and Geological Mapping. (P. 141, 142, 143.) Students in mining receive instruction in field work and geological mapping during the session as a part of course 147, and in the summer school of mining.—Professors O'Neill, Clark, and Gill.

DEPARTMENT OF MATHEMATICS

Professors and Joint Chairmen:—{N. B. MacLean, C. T. Sullivan}

Associate Professors:—{W. L. G. Williams, G. J. Dodd}

Assistant Professor:—F. M. Wood

Lecturers:—{Gordon Pall, L. O'T. Cooper}

First Year.

191. Plane Trigonometry and Mensuration. Consideration of the more important theorems and formulæ of the plane triangle with special emphasis upon numerical calculations; mensuration of solid figures. First term, two hours per week—Professor Wood, Dr. Pall and Mr. Cooper.

Text-books:—Hall and Stevens, School Geometry, Part VI; Murray, Plane and Spherical Trigonometry.

P—Prerequisite. C—Concurrent. See page 284.

192. ALGEBRA. Interest and annuities; practical applications of graphs; properties of polynomials; undetermined coefficients; partial fractions; complex numbers; the theory of limits. Three hours per week.—Professors MacLean and Williams and Dr. Pall.

Text-book:—Barnard and Child, A New Algebra, Vol. II.

193. SPHERICAL TRIGONOMETRY. Trigonometry of the spherical triangle; measurement of areas. Second term, two hours per week.—Professor Wood, Dr. Pall and Mr. Cooper.

Text-books:—As in 191.

194. MECHANICS. Elementary course in dynamics, statics, and hydrostatics. Two hours per week.—Professors Dodd and Wood and Mr. Cooper.

Text-book:—Mimeographed notes.

195. ANALYTIC GEOMETRY. (P. 192.) Elementary course in analytic geometry of two dimensions. Two hours per week.—Professors MacLean and Williams and Dr. Pall.

Text-book:—Nowlan, Analytic Geometry.

Second Year.

197. ALGEBRA. (P. 192.) Continuation of 192. Infinite series; binomial, exponential and logarithmic series; hyperbolic functions; numerical solution of equations. First term, three hours per week.—Professor Williams and Dr. Pall.

Text-book:—As in 192.

198. CALCULUS. (P. 192.) Elementary course in the differential and integral calculus. First term, two hours per week; second term, four hours per week.—Professors MacLean and Williams, and Dr. Pall.

Text-book:—Murray, Differential and Integral Calculus.

Third Year.

201. DIFFERENTIAL EQUATIONS. (P. 198.) Introductory course in the theory of differential equations, with particular emphasis on the solution of the simpler types of ordinary differential equations and applications to problems in electricity, heat, etc. Required of Electrical Engineering students of the Third Year, optional for others. First term, two hours per week.—Professor MacLean.

Text-books:—Murray, Differential Equations; Fry, Elementary Differential Equations.

P—Prerequisite. See page 284.

DEPARTMENT OF MECHANICAL ENGINEERING

PROFESSORS:—C. M. McKERGOW, A. R. ROBERTS

ASSISTANT PROFESSORS:—J. A. COOTE, R. H. PATTEN

LECTURER:—L. R. McCURDY

SHOP INSTRUCTOR:—W. GATEHOUSE

Second Year.

218. MECHANICS OF MACHINES. (P. 191, 192, 194.) *Kinematics of Machines.*—Constrained motion; kinematic pairing; velocity and acceleration; centrodes; analysis of simple mechanism; design of involute and of cycloidal gear-teeth. One lecture, one laboratory period, second term.—Professor Patten.

Text-book:—Guillet, Kinematics of Machines.

Third Year.

223. MECHANICAL ENGINEERING LABORATORY. (C. 226.) First term, course same as 228; second term, relative value of governors; testing of steam boilers, gas engines, compressors, steam turbines, and of complete power plants. Required of students in Electrical Engineering. Six hours per week, first term; three hours per week, second term.—Professor Patten.

Reference book:—Carpenter, Experimental Engineering.

224. MECHANICS OF MACHINES. (P. 83, 218.) Alternative with Accounting (238); relative motion and displacement; crank-effort diagrams; flywheels and inertia forces; the slide valve and expansion valves; valve-setting problems; governors; engine balancing; friction and lubrication. Required of students in Mechanical Engineering. Three hours per week.—Mr. McCurdy.

Text-book:—Ewing, Steam Engine.

225. MACHINE DESIGN. (C. 87, 231.) Strength of materials as applied to design of machine parts; fastenings; riveted joints; journals and bearings; shafts and couplings. Required of students in Mechanical and Electrical Engineering. Two hours per week.—Professor Roberts.

Text-book:—Unwin, Machine Design, Part I.

Books of Reference:—McKay, Principles of Machine Design; Kimball and Barr, Elements of Machine Design.

226. MECHANICAL ENGINEERING. (C. 228.) General course in power plants and prime movers.

Fuel and combustion; steam production; corrosion; defects of boilers; boiler accessories; the steam engine; estimation of power developed and of economy; condensers, pumps and accessories; steam turbines; design

---

P—Prerequisite. C—Concurrent. See page 284.

of steam plants; gas engines and producers. Required of all Engineering students, except those in Mechanical Engineering. Two hours per week.—Professor McKergow.

Text-book:—MacNaughton, Steam Engines.

227. MECHANICAL ENGINEERING. (C. 228.) Course same as 226, but in more detail. Required of students in Mechanical Engineering. Three hours per week.—Professor McKergow.

Text-book:—As for 226.

228. MECHANICAL ENGINEERING LABORATORY. (C. 226, 227.) Testing and calibration of indicators, brakes, etc.; properties of lubricants; performance of steam engines, boilers, gas engines, air compressors, pumps, etc. Required of all Engineering students, except those taking the Electrical Engineering course. Three hours per week.—Professor Patten.

Reference book:—Carpenter, Experimental Engineering.

229. THERMODYNAMICS. (P. 198.) Laws of thermodynamics; efficiency of ideal heat engines; properties of steam; elementary theory of the steam engine; elementary theory of gas and hot-air engines. Required of Third Year students in Mechanical and Electrical Engineering. Two hours per week.—Professor Roberts.

Text-books:—Marks and Davis, Steam Tables; Moyer, Calderwood and Potter, Elements of Engineering Thermodynamics.

Reference book:—Kiefer and Stuart, Engineering Thermodynamics.

231. MECHANICAL DRAWING. (C. 225.) Supplementary to course 225; exercises in design of fastenings, machine parts and simple machines. Required of Mechanical Engineering students. Six hours per week, first term; three hours per week, second term.—Mr. McCurdy.

233. SUMMER SCHOOL. Introductory to courses 236 and 231. Four weeks in September, preceding the work of the Third Year.—Messrs. McCurdy and Gatehouse.

236. MACHINE SHOP. Lathe work; marking off; centering; turning and boring; facing; filing; grinding and polishing; screw cutting; gear calculation; bench work. Required of students in Mechanical Engineering. Three hours per week, session.—Mr. Gatehouse.

237. INDUSTRIAL ENGINEERING. Fundamental principles; modern tendencies and problems; scientific management; routing; personal and collective bargaining.—Two lectures per week, first term.—Professor Coote.

Text-book:—Kimbal, Industrial Organization.

P—Prerequisite. C—Concurrent. See page 284.

238. ACCOUNTING. Alternative with 224. Fundamental principles of bookkeeping and accounting; books of account; financial statements met with in engineering work. One lecture and one problem period per week.—Professor Coote.

Text-book:—Cole, Fundamentals of Accounting.

Fourth Year.

240. MECHANICS OF MACHINES. (P. 224.) (a) *Valve gears and governors.* Further treatment of engine governors; knocking and shocks in reciprocating machinery; valve gears.—Prof. McKergow.

(b) *Aerodynamics.* Methods of experiment; prediction of performance; theory of air screws. Three hours per week.—Professor McKergow.

Text-book:—Chatfield and Taylor, The Airplane and its Engine.

241. DESIGNING. (P. 225, 231, C. 242.) Complete design of an engine, pump, or machine tool, including requisite working drawings. Required of students in Mechanical Engineering. Three hours per week.—Professor Roberts.

242. MACHINE DESIGN. (P. 225, C. 241.) (a) Power transmission; belts, ropes, friction, chain and toothed gearing; fits and fitting; (b) Engine details, including cylinders, piston rods, connecting rods, shafts, fly-wheels and machine frames. Required of Mechanical Engineering students. Two hours per week.—Professor Roberts.

Text-book:—Unwin, Machine Design, Parts I and II.

Reference book:—Kimball and Barr, Elements of Machine Design.

243. MACHINE DESIGN. (P. 225.) Same as 242 (a). Optional for Electrical Engineering students. Two hours per week, second term.—Professor Roberts.

244. POWER PLANT DESIGN. (P. 227, C. 247.) Design and operation of power plants worked by steam or internal combustion prime movers; lighting, heating and power distribution. Required of students in Mechanical Engineering. One lecture and one drafting room period per week.—Professor McKergow.

Text-book:—Gebhardt, Steam Power Plant Engineering.

247. HEATING AND VENTILATION OF BUILDINGS. (P. 227, C. 244.) Loss of heat from buildings; radiation surfaces; design and operation of heating systems; principles of ventilation; fans and blowers; duct systems; temperature and humidity control. One hour per week.—Professor McKergow.

Text-book:—Allen and Walker, Heating and Ventilating.

249. MECHANICAL ENGINEERING LABORATORY. (P. 227, 228.) Investigation of governors; fans and blowers; steam boilers; steam engines; steam

---

P—Prerequisite C—Concurrent See page 284.

turbines; refrigeration machines; condensers; gas engines and producers; air compressing and pumping machinery; tests of steam power plant, gas power plant and heating and ventilating system. Required of students in Mechanical Engineering. Ten hours per week.—Professors McKergow and Patten.

Reference book:—Carpenter, Experimental Engineering.

249A. MECHANICAL ENGINEERING LABORATORY. (P. 227, 228.) Similar to 249. Required of students in Fourth Year Mechanical Engineering who take the Industrial Administration option. Two periods per week.

251. THERMODYNAMICS. (P. 228, 229.) Efficiency of the steam engine; behaviour of steam in the cylinder; influence of size, speed, rate of expansion, compounding, superheating and jacketing; flow of gas and vapour through orifices and nozzles; design of steam-turbines; theory and performance of internal-combustion engines; refrigerating-machine cycles. Required of students in Mechanical Engineering. Two hours per week.—Professor Roberts.

Text-book:—Kiefer and Stuart, Engineering Thermodynamics.

Reference books:—Clerk, The Gas Petrol and Oil Engine, Part I; Moyer, Steam Turbine.

252. MACHINE SHOP. (P. 236.) Studies of production; tool speeds; necessary power; tool angles; quality of metal; kind of tool steel used; instruction in gear cutting; cutter grinding. Required of students in Mechanical Engineering. Three hours per week.—Mr. Gatehouse.

253. INDUSTRIAL ENGINEERING. (P. 238.) Economic factors influencing location of industrial plants; the market; location of raw materials; source of power; transportation facilities and costs; selection of site; design of plant; organizing and financing the company; organizing for operation; forecasting results. Two lectures and one drafting room period per week, session.—Professor Coote.

Text-book:—Walker, Management Engineering.

254. INDUSTRIAL ADMINISTRATION. (C. 252.) The control of industry; production, finance and sales; planning systems; control boards, charts, budgets, standard costs, etc., with problem periods devoted to their practical working and use. One lecture and one drafting room period per week, second term.—Professor Coote.

257. EXPERIMENTAL ENGINEERING. (P. 227, 228, C. 249.) Theory of errors; calibration and use of instruments; measurement of power; methods of testing power-plant apparatus and the tabulation of results. Required of students in Mechanical Engineering. One hour per week.—Professor Roberts.

Text-book:—Carpenter, Experimental Engineering.

P—Prerequisite. C—Concurrent. See page 284.

258. INDUSTRIAL RELATIONS.—Problems on the human side arising out of the administration of industrial enterprises; recruiting of labour; introducing the worker to the factory; health and safety; job analysis and job specifications; education; wages and hours; profit-sharing; shop committees and collective bargaining. Two lectures per week, first term.—Professor Coote.

Text-book:—Watkins, Labor Management.

Summer Schools—see note (c), page 239.

Courses for the Degree of Master of Engineering or Master of Science

Graduate Courses are offered in Engineering Thermodynamics, Machine Design and Industrial Engineering. For particulars of these and qualifications for entering the Graduate Faculty, see pages 407 and 450.

DEPARTMENT OF METALLURGICAL ENGINEERING

PROFESSOR:—ALFRED STANSFIELD
ASSISTANT PROFESSOR:—GORDON ST. G. SPROULE
LECTURER:—HAROLD J. ROAST
SPECIAL LECTURER:—CHARLES F. PASCOE
RESEARCH FELLOW:—

Third Year.

261. ELEMENTARY METALLURGY AND LABORATORY. An introductory course in general metallurgy, including metals and alloys; fuels; furnaces; refractory materials; pyrometry and calorimetry; metallography; heat treatment and testing of metals; smelting and refining operations; a short account of the metallurgy of copper, lead, iron, steel, etc.

Two lectures per week, first term; one laboratory period per week, second term.—Professor Sproule.

262. ELEMENTARY METALLURGY. Lectures as in 261, but without laboratory work, for Chemical and Mining Engineering students. Two lectures per week, first term.—Professor Sproule.

263. FIRE-ASSAYING. (C. 264.) Furnaces, balances and other appliances used in assaying; sampling and preparation of ores; fluxes and reagents; methods used in assaying gold, silver and lead ores, copper and copper ores and mattes, gold and silver bullion and base bullion, cyanide precipitates and solutions.

One lecture per week, second term, for Metallurgical and Mining students.—Professor Sproule.

P—Prerequisite. C—Concurrent. See page 284.

264. FIRE-ASSAYING LABORATORY. (C. 263.) Practice in the methods of course 263, including such assays as would be required at a mine. Students usually have an opportunity of doing additional fire-assaying in their Fourth Year.

Two laboratory periods per week, second term, for Metallurgical and Mining students.—Professor Sproule.

Reference books:—Smith, Sampling and Assay of the Precious Metals; Bugbee, Fire-Assaying; Fulton and Sharwood, Manual of Fire-Assaying.

265. METALLURGICAL CALCULATIONS. (C. 261.) An introductory course in the application of chemical and physical laws to metallurgical operations, such as the combustion of fuel, smelting of ores and construction and heating of furnaces. One lecture per week, session, for Metallurgical students.—Professor Stansfield.

Text-book:—Richards, Metallurgical Calculations, Vol. I.

267. METALLURGICAL FIELD SCHOOL. Held at the end of the Third Year, the first part includes visits to metallurgical works in Montreal and vicinity, supplemented by reading and lectures. The second part includes visits to smelters, steel-works and metallurgical refineries throughout Canada. Students are required to keep notes and to submit a written account of their observations at the beginning of the next term.

The Field School is usually arranged in Ontario, as this offers the greatest variety at the least cost. The only charge made is for board, lodging and railway fares; care is taken to keep these as low as possible.

At the close of the School it is usually possible for students to obtain suitable summer employment at one of the works visited, and they are strongly advised to obtain metallurgical experience thus.

Fourth Year.

271. METALLURGY (General). (P. 261 or 262.)

(*a*) The metallurgy of copper, lead, gold, silver, zinc and nickel.

(*b*) The metallurgy of iron and steel.

Two lectures per week, session, and a few laboratory demonstrations, for Metallurgical and Mining students.—Professor Stansfield.

Text-books:—Boylston, Introduction to the Metallurgy of Iron and Steel; Liddell, Handbook of Non-ferrous Metallurgy; Hayward, Outline of Metallurgical Practice.

P—Prerequisite. C—Concurrent. See page 284.

272. METALLURGY (Advanced). (P. 261 or 262, C. 271.)

(*a*) General advanced metallurgy.

Text-books:—Fulton, Principles of Metallurgy; Jeffries and Archer, Science of Metals.

(*b*) A more detailed account of the metals mentioned in 271, and of aluminum, antimony, arsenic, bismuth, cadmium, cobalt, mercury, platinum and tin.

Required of Metallurgical students. Two hours a week, session—Professor Stansfield.

Reference books:—Hofman and Hayward, Metallurgy of Copper; Hofman, Metallurgy of Lead; Hofman, Metallurgy of Zinc and Cadmium; Addicks, Copper Refining; Liddell, Handbook of Non-Ferrous Metallurgy; Johnson, Principles, Operation and Products of the Blast Furnace; Forsythe The Blast Furnace and the Manufacture of Pig Iron.

273. FIRE-ASSAYING AND LABORATORY. (P. 262.) A short course for Chemical Engineering students. For particulars, see 263 and 264. One laboratory period and one lecture per week, first term.—Professor Sproule.

274. METALLURGICAL LABORATORY AND THESIS. (P. 261, C. 271.) A serious study of some metallurgical problem made by students singly or in pairs. A thesis containing an account of important published work bearing on the subject as well as the result of their own experimental researches is required. Three laboratory periods per week, second term. Required of Metallurgical students.—Professor Stansfield.

275. ELECTRO-METALLURGY AND LABORATORY. (P. 261 or 262, C. 271.) Principles and construction of electric furnaces and their uses; refining of metals and the recovery of metals by electrolysis; laboratory work to illustrate the lectures. Two lectures per week and one laboratory period, second term, for Metallurgical students.—Professor Stansfield.

Text-books:—Stansfield, The Electric Furnace, and The Electric Furnace for Iron and Steel.

277. METALLURGICAL COLLOQUIUM. (P. 261, C. 271). Informal discussion of research and other work done in the department, and other topics of metallurgical interest. One hour per week, second term. —Professor Stansfield.

278. METALLURGICAL CALCULATIONS AND DESIGN. (P. 265, C. 272). Calculation of furnace charges and efficiencies, and the designing of metallurgical furnaces and plants. Two periods per week in the library and drafting room, second term.—Professor Stansfield.

P—Prerequisite. C—Concurrent. See page 284.

279. METALLURGICAL ANALYSIS. (P. 61, 62. C. 67.) Designed to give the student dexterity in modern methods of analyzing ores and alloys, emphasizing speed and accuracy. Instruction is given in the essential features of methods employed and in fitting up a works' laboratory. One lecture and one laboratory period per week, second term.—Mr. Roast.

280. METALLOGRAPHY. The fundamentals of metallography, including the heat-treatment of steel and the standardization of the common non-ferrous alloys. One lecture a week, first term, for Metallurgical students.—Mr. Roast.

281. METALLOGRAPHIC LABORATORY. Practice in preparing and studying specimens of iron, steel, bronze, brass and babbitt metal for microscopic examination; heat treatment of steel; methods of thermal analysis. One laboratory period per week, first term, for Metallurgical students.—Mr. Roast.

282. METALLOGRAPHY AND LABORATORY. A short course of lecture and laboratory instruction, covering the essential features of theoretical and practical metallography. One lecture and one laboratory period per week, one-half of the first term, for Chemical Engineering students.—Mr. Roast.

283. METALLURGICAL CALCULATIONS. (P. 262, C. 271.) A course resembling 265 but adapted to the requirements of Fourth Year Mining students. One lecture per week, session.—Professor Stansfield.

284. METALLURGICAL LABORATORY. (P. 262, C. 271.) One period per week, second term, arranged to illustrate 262 and 271, for Mining students.—Professors Stansfield and Sproule.

EXTENSION COURSES

See Announcement of Extension Courses.

MINING AND METALLURGICAL SOCIETY

See page 219.

RESEARCH FELLOWSHIPS

One or more research fellowships are usually offered to graduate students in Metallurgical Engineering.

GRADUATE COURSE FOR AVIATION OFFICERS. A course dealing with the properties and treatment of metals and alloys is offered to Officers of the Royal Canadian Air Force. It is given in the first term and consists of lectures, oral instruction, directed reading and laboratory work.—Professors Stansfield and Sproule and Mr. Roast.

P—Prerequisite. C—Concurrent. See page 284.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Advanced Metallurgy, Electro-Metallurgy, Metallurgical Analysis and Metallography. For particulars of these and the qualifications for entering the Graduate Faculty, see pages 407 and 450.

DEPARTMENT OF MINING ENGINEERING

PROFESSORS:—{WILBERT G. McBRIDE
JOHN W. BELL

ASSISTANT PROFESSOR:—OSBURN NICHOLSON BROWN

DOUGLAS RESEARCH FELLOW:—WALTER D. STOBART

DAWSON RESEARCH FELLOW:—JAMES B. REDPATH

HARRINGTON RESEARCH FELLOW:— ————————

Third Year.

291. MINING ENGINEERING. Simple mining methods; excavation, explosives and blasting; rock drills; gold washing and dredging; hydraulic mining; quarrying, etc. One lecture per week. This course is continued in the Fourth Year. (See 297).—Professor McBride.

292. ORE DRESSING. (C. 142, 226.) Forms in which ores occur and effect of mixture, impurity, etc.; theoretical considerations affecting mineral separations; mechanical operations involved; crushing, sizing and dressing machinery, breakers, stamps, rolls, screens, jigs, vanners, tables, flotation apparatus, washers, magnetic separators, etc. Two lectures per week, second term. This course is continued in the Fourth Year. (See 300).—Professor Bell.

295. CRUSHING MACHINERY. (C. 226.) This precedes course 292 and is required of Mining and Metallurgical students. Two lectures per week, first term.—Professor Bell.

Text-books:—Hoover, Principles of Mining; Taggart, Handbook of Ore Dressing; Peele, Mining Engineer's Handbook.

Fourth Year.

293. MINE MAPPING. Calculations and plotting of mine surveys. One afternoon per week, first half of first term.—Professor Brown.

———

C—Concurrent. See page 284.

297. MINING ENGINEERING. (P. 226, 291.) Prospecting; artesian and oil wells; diamond drilling; open cut mining; shaft sinking; underground development and methods; timbering, hauling, hoisting, pumping, lighting, ventilating, etc.; mine accidents and their prevention; administration and industrial relations; examination and valuation of mines and mine reports. Three lectures per week.—Professors McBride and Brown.

298. MINING DESIGN. (P. 81, 226, C. 297, 300.) Calculation of grade and tonnage of ore bodies; methods of mining, hoisting; draining; ventilation; surface plant and equipment; metallurgical treatment and organization. Two drafting-room periods, per week, second term.—Professors McBride, Bell, and Brown.

300. ORE-DRESSING. (P. 292.) Gold and silver milling; amalgamation; cyaniding; flotation, etc.; concentration plants; coal breakers and washers; general plant design and lay-out.

Two lectures per week.—Professors Bell and Brown.

301. MINING COLLOQUIUM. (C. 297, 300.) One hour per week in the second term is given to papers on work done in the department and to other matters relating to mining and ore-dressing. Students are required to take a leading part in these exercises.

305. ORE-DRESSING LABORATORY. (P. 292, C. 300.) On one afternoon per week in the first term in the ore-dressing laboratories typical operations are carried out. Required of Metallurgical students.

306. ORE-DRESSING LABORATORY AND THESIS WORK. (P. 264.) In the second term one day and one afternoon per week are given to laboratory work and to the preparation of a thesis.

Thesis subjects are numerous, and range from theoretical investigation in crushing, screening, classification, concentration, flotation, etc., to the experimental determination of the best methods for the treatment of particular ores. Lots of ore are available in sufficient quantities for work on a comparatively large scale. New ores are constantly being secured.

307. One afternoon per week in the first term on work leading to that done in 306.

Text-book:—Hamilton, Manual of Cyanidation.

Reference books:—Hager, Oil Field Practice; Donaldson, Practical Shaft Sinking; Brinsmade, Mining Without Timber; Downey, Timbering of

---

P—Prerequisite. C—Concurrent. See page 284.

Metalliferous Mines; Ketchum, Design of Mine Structures; Peele, Compressed Air Plant; Richards and Locke, Text-book of Ore-Dressing; Rickard, Sampling and Estimation of Ore in a Mine; Julian and Smart, Cyaniding Gold and Silver Ores; Megraw, Details of Cyanide Practice; Hoover, Concentrating Ores by Flotation; Prochaska, Coal Washing; Coal and Metal Miners' Pocket-book; Mitke, Mining Methods; Young, Working of Unstratified Mineral Deposits.

RESEARCH FELLOWSHIPS AND GRADUATE COURSES

Courses are offered for graduate students in mining and ore-dressing. (See pages 407 and 452.) There are three endowed Research Fellowships in the Department. These are assigned to graduates of the Department who show particular aptitude for advanced work.

LABORATORIES

Laboratory instruction in mining subjects begins in the Third Year, with courses in assaying and elementary metallurgy. In the Fourth Year this work is elaborated, the general method of instruction being to conduct a limited number of typical operations, and then to assign to each student certain methods which he must study in detail, and upon which he must make written reports. In this work he is guided by the professors and fellows and assisted by other students, whom he must in turn assist. Every student thus acquires detailed knowledge of certain typical operations, makes at least one original investigation and gains a fair general experience of many important methods.

ILLUSTRATIONS, MUSEUMS, SOCIETIES, ETC.

In addition to projection apparatus and a collection of over two thousand lantern slides, the Department has a standard motion picture projector and has made arrangements whereby several mining films are available for class use. There is also a good departmental library, including selected trade catalogues, etc.

The McGill University Mining and Metallurgical Society meets to hear and discuss papers given by men prominent in the industry. The Society is a students' section of the Canadian Institute of Mining and Metallurgy, and its undergraduate members are therefore student members of the Institute, and receive its publications. Papers read before the Mining Society, or submitted as Summer Essays, may be entered in competition for prizes offered by the Canadian Institute of Mining and Metallurgy, or the Engineering Institute of Canada. They are not published unless the consent of all interested is secured.

FIELD SCHOOL IN MINING

294. (P. 141.) All students in Mining Engineering are required to attend the field class at the end of the Third Year.

The work is confined to an intensive study of one or more districts with possible visits to nearby districts. The student is guided by the staff and is required to work in a mine or ore-dressing plant for at least two months. He is also required to submit his notes and an essay on some phase of the work at the beginning of the Fourth Year.

Courses for the Degree of Master of Engineering

Graduate Courses are offered in Mining Engineering, Works Organization and Management, Settling of Finely Divided Minerals in Water, Filtration in Ore-Dressing and Cyanidation, Cyanidation of Gold and Silver Ores, Theory and Practice of Flotation.

For particulars of these and the qualifications for entering the Graduate Faculty, see pages 407, 452.

DEPARTMENT OF PHYSICS

DIRECTOR:—A. S. EVE

PROFESSORS:—L. V. KING, A. N. SHAW, D. A. KEYS, J. S. FOSTER

ASSOCIATE PROFESSOR:—H. E. REILLEY

ASSISTANT PROFESSOR:—W. H. WATSON

LECTURER IN ASTRO-PHYSICS:—A. V. DOUGLAS

SESSIONAL LECTURER:—H. G. I. WATSON (1931–32)

DEMONSTRATORS:—(1931–32) T. N. WHITE, F. R. TERROUX, W. LYONS, W. K. DUNN, J. KATZMAN

INSTRUCTOR IN LABORATORY TECHNIQUE:—H. T. PYE

First Year (Architecture.)

GENERAL COURSE. (Arts and Science 1.) Two hours per week.—Professor Keys.

Text-book:—Kimball, College Physics.

LABORATORY COURSE. (Arts and Science 1.) Two hours per week—Professor Keys and Staff.

Text-book:—Mimeographed notes.

P—Prerequisite. See page 284.

First Year.

311. HEAT, SOUND AND LIGHT. (Arts and Science 2.) (C. 312.) Two hours per week and weekly voluntary tutorial class.—Professor Shaw.

Text-book:—Duncan & Starling, Heat, Light and Sound.

312. LABORATORY COURSE. (Arts and Science 2.) (C. 311.) Two hours per week.—Professor Keys and staff.

Text-book:—Mimeographed notes.

Second Year.

315. ELECTRICITY AND MAGNETISM. (Arts and Science 3A.) (C. 311.) (P. 311.) Two hours per week.—Professor Eve.

316. LABORATORY COURSE. (Arts and Science 3A.) (P. 311, C. 315.) Two hours per week.—Professor Keys and staff.

Text-books:—Hadley, Magnetism and Electricity for Students; Mimeographed notes.

Third Year.

318. ELECTRICITY. (Arts and Science 6C.) (P. 315.) Elementary electron theory; molecular physics and applications. Two hours per week; second term. For students in Third Year Electrical Engineering.—Professor Keys.

See also Engineering Physics, page 120; and Physics, pp. 159.

DEPARTMENT OF SURVEYING AND GEODESY

ASSOCIATE PROFESSOR:—A. J. KELLY

ASSISTANT PROFESSOR:—JAMES WEIR

Courses are designed to afford theoretical and practical training in plane and geodetic surveying, in the field work of engineering operations, and in practical astronomy.

Second Year.

346. SURVEYING. (P. 191.) Chain and angular surveying; construction, adjustment, use and limitations of field and office instruments; railway circular and transition curves; planimeter and pantograph; general topography; levelling; contour surveying; stadia surveying; photographic surveying; land systems of the Dominion and of the provinces.—Professor Kelly.

Text-book:—Davis, Foote and Rayner, Surveying.

P—Prerequisite. C—Concurrent. See page 284.

347. FIELD WORK. (1) Compass and chain, compass and micrometer, and chain surveying.

(2) Differential, profile, topographic and quantity levelling.

(3) Azimuth and deflection-angle traversing, accurate methods of angle measurement, and stadia surveying.

348. MAPPING. Drafting from field notes of chain and stadia surveys; plotting topographical features; tinting with water-colours; plotting photographic surveys.

Third Year

351. MAP PROJECTIONS. Graphical determination of spherical triangles; spherical projections; the construction of maps. Alternative with 82.—Professor Weir.

Text-book:—Hinks, Map Projections.

352. SURVEYING. (P. 346, 347.) Theory and use of instruments; hydrographic surveying; use of the plane table; mine surveying; barometric and trigonometric levelling; elements of practical astronomy.—Professor Kelly.

Text-book:—Davis, Foote and Rayner, Surveying.

Reference book:—Durham, Mine Surveying.

353. SURVEYING. (P. 346, 347.) Theory and use of instruments; use of the plane table; mine surveying; hydrographic surveying; barometric and trigonometric levelling; elements of geodetic surveying; elements of practical astronomy.—Professor Weir.

Text-books:—Breed and Hosmer, Principles and Practice of Surveying, Vol. II; Hosmer, Practical Astronomy.

354. FIELD WORK. (P. 346, 347.) Adjustments of instruments; preliminary, topographic and location surveys for a railway, including simple, compound, transition and vertical curves, profile levelling, cross-sectioning for construction, and plotting of field notes; topographic survey with the stadia transit and plane table; hydrographic survey of a river channel, including measurement of discharge; survey illustrating underground methods; astronomical observations with engineer's transit.

Fourth Year

359. GEODESY. (P. 353.) Determination of time, latitude, longitude and azimuth; figure of the earth; measurements of base lines and triangulation systems; adjustment and reduction of observations.—Professor Weir.

Text-book:—Hosmer, Geodesy.

P—Prerequisite. See page 284.

361. FIELD WORK. (P. 353, 354.) Determination of latitude, by transit and sextant observations of Polaris, by zenith telescope, and by noon observations with transit and sextant; determination of azimuth, by equal altitude observations of the sun, by observations of Polaris, by observation of a circumpolar star with engineer's transit, and by means of solar attachments; determination of time, by equal altitude observations of the sun with sextant and transit, and by observations of the meridian passage of stars with astronomical transit; determination of longitude by clock comparison; base line measurements; precision levelling; measurement of angles by geodetic methods.

360. GEODETIC LABORATORY. (C. 359.) Measurements of magnifying power, eccentricity of circles, and inclination error in astronomical transits by nadir observations; determination of gravity by means of the reversible pendulum; errors of run of theodolite microscopes; constants of steel tapes; scale value of level vials; collimation error of astronomical transits by fixed collimators and by nadir method; investigation of the error of graduation of steel bars, steel tapes, and transit circles; testing of aneroid barometers.

See also page 289.

FIELD WORK

Field work is required of all students entering the Second Year, of students entering the Third Year in the courses in Civil and in Mining Engineering, and of students entering the Fourth Year course in Civil Engineering. The work will begin in 1933 on April 27th and will continue for four weeks.

Students entering Second and higher Years from other Universities or from other Faculties, who cannot attend the above courses in Field Work, must attend Special Summer Schools, details of which are given on page 239.

All students are required to keep complete field notes, and to prepare maps, sections and estimates from their own surveys. This office work is done principally during the regular summer school session.

P—Prerequisite. C—Concurrent. See page 284.

DEPARTMENT OF PHYSICAL EDUCATION

DIRECTOR, DEPARTMENT OF PHYSICAL EDUCATION:—ARTHUR S. LAMB
UNIVERSITY MEDICAL OFFICER:—F. W. HARVEY
ATHLETIC MANAGER:—D. S. FORBES
TRACK COACH AND ASS'T PHYSICAL DIRECTOR:—F. M. VAN WAGNER
ASSISTANT PHYSICAL DIRECTOR:—HAY FINLAY

At the time of his medical examination (see p. 105), each student is asked to fill in a card indicating his choice of physical activity, which he will be allowed to follow unless debarred for medical reasons, in which case he is given a further choice among other recognized but less strenuous forms of exercise or does gymnasium work as the case may require.

Physical education is compulsory for all students of the first two years. Two hours per week are devoted to it.*

Any student participating in competitive athletics may be excused from other forms of exercise during the season of training at the option of the Director.

No student in default is allowed to proceed to the next year of his course unless exemption is granted for special reasons on the recommendation of the Faculty and approved by the Committee on Physical Education.

All students in good standing who are taking a course of study held to be sufficient by a special committee of the Faculty are allowed to take part in athletics, subject, however, to the general regulation regarding medical examination.

Suspension from lectures, or absence from more than one-eighth of the total number of lectures in any course, is sufficient to disqualify a student from engaging in athletic contests.

During the session and the Christmas holidays, all teams and individual students *desiring to participate in "outside athletics"*† must first apply to the Captain or Manager of the club concerned, who must secure the permission of the Athletic Manager, by whom all such sanctions are granted.

Should any student take part in any athletic contest, who has not been sanctioned as above, or who is not qualified under the regulations regarding eligibility, medical examination, etc., such student is immediately debarred from participation in all University athletics. He is reported to the Athletic Board, which, if it sees fit, may request the offender to withdraw from the University, if the consent of the Principal has been given, until Corporation meets to deal with the matter.

(For further regulations see handbook published by the Athletic Board.)

---

*NOTE.—Owing to lack of accommodation this requirement is suspended for the session 1932–33.

†"Outside Athletics" are athletics not under the control of the Athletic Board of the University or of the Intercollegiate Athletic Union.

REGULATIONS CONCERNING PREREQUISITE SUBJECTS, STANDING AND PROMOTION

(1) Students proceeding to a degree are classed as Undergraduates or Conditioned Undergraduates. Undergraduates are those who, having passed all entrance requirements, have also at the close of any session passed the examinations in all the subjects of their course, or who, at the opening of the following session, have removed all conditions by passing supplemental examinations in the subjects in which they had failed. Conditioned Undergraduates are those who have failed to remove all of their conditions as above.

(2) No student proceeding to a degree is allowed to take any subject unless he has previously passed, or secured exemption in, all prerequisite subjects.

(3) No undergraduate conditioned in any entrance requirement is permitted to register for any Second Year course nor is any undergraduate conditioned in any First or Second Year subject permitted to register for any Third or Fourth Year courses.

(4) Conditioned Undergraduates proceeding to a degree must follow a course of study approved by the Faculty on the recommendation of the Committee on Registration, Standing and Promotion. They may be required to repeat subjects in which they have passed, but in which their standing has been low.

(5) Partial students are those who are not proceeding to a degree. Such students may be admitted to classes without regard to the prerequisite rule, provided that they have obtained the permission of the head of each department concerned, and that their courses are approved by the Committee on Registration, Standing and Promotion.

(6) If a partial student wishes to obtain undergraduate standing in order to proceed to a degree, he will not be given credit for subjects taken in contravention of the prerequisite rule, until he has also passed examinations or secured exemptions in such prerequisites as may be demanded by the Committee on Registration, Standing and Promotion, and, on the recommendation of this Committee, has had his case approved by a unanimous vote of the Faculty.

(7) Partial students are not eligible to take supplemental examinations.

(8) No Fourth Year student is allowed a supplemental or special supplemental examination in any subject in the period between the opening of the second term and the date of Convocation.

(9) Prerequisite and concurrent subjects are indicated in parenthesis thus (P. 345, C. 56), after the subjects to which they are prerequisite or with which they are concurrent.

The system of numbering subjects is as follows:

Nos. of courses	Department or Division	See page
1– 49	School of Architecture	244
50– 79	Chemistry	248
80–109	Civil Engineering and Applied Mechanics	254
110–129	Electrical Engineering	260
130–134	Summer Essays and Reading	240
135–139	Engineering Practice	263
140–169	Geological Sciences	264
170–189	Engineering Law and Economics	263
190–209	Mathematics	266
210–259	Mechanical Engineering	268
260–289	Metallurgical Engineering	272
290–309	Mining Engineering	276
310–339	Physics	279
340–345	Drawing and Descriptive Geometry	259
346–369	Surveying and Geodesy	280

LABORATORIES AND SPECIAL LIBRARIES

Faculty Library

About 2,000 books and bound periodicals of particular interest to Engineering students are housed in the Engineering Building, in charge of a trained librarian. The important technical periodicals are also received here. In addition, students in Engineering have free access to the Redpath Library, which contains a general collection of over 300,000 books, as well as many special collections.

Chemical Engineering

CHEMICAL LABORATORIES

Four large laboratories are provided for undergraduate instruction in chemistry, with accommodation for about three hundred students.

These laboratories are well lighted and have ample hood space. Balance rooms are connected with each of the main laboratories. The laboratories are provided with electricity, water and gas, and possess a supply of apparatus for work of a very varied character. Smaller laboratories for special work and for those undertaking research are available, as well as a number of smaller research rooms for one or two students each.

In the Biological Building there is a large chemical laboratory for elementary teaching with facilities for about three hundred students, as well as research rooms for about a dozen students.

The building of the Pulp and Paper Research Institute provides modern laboratories for research in cellulose chemistry. Associated with McGill University in this building are also the Canadian Pulp and Paper Association and the Pulp and Paper Division of the Forest Products Laboratories of Canada.

BAILLIE LIBRARY

This library, situated near the laboratories in the Chemistry and Mining Building, contains an excellent range of text and reference books and of periodicals.

Civil Engineering

CEMENT LABORATORY

Equipment for complete tests on the strength and properties of cements, mortars, concrete, concrete beams, etc., is available, including tensile and compression testing machine (50-ton), specific gravity apparatus, sieves and steaming apparatus, Vicat and Gilmore needles, moulds, balances, etc. Tanks are provided for the storage of briquettes and other test specimens and the equipment is supplemented by that of the Strength of Materials Laboratory.

HIGHWAYS LABORATORY

This is equipped for conducting physical and chemical tests of road-building materials, such as asphalts, tars, brick, stone, gravel, sand, etc. The equipment includes a Deval machine; rattler; impact testing machine; balances and scales; asphalt ductility machine; penetrometer; screens and screen shaker; extraction apparatus; ovens; viscosimeters; flash point testers; specific gravity and melting point apparatus, etc.

Facilities for advanced work are increased by the fact that this laboratory is operated in connection with the Strength of Materials Laboratory.

HYDRAULIC LABORATORY

In this laboratory the student studies the flow of water through orifices, Venturi meters, pipes, weirs, etc., and carries out experiments on centrifugal pumps and water turbines.

The equipment includes apparatus for the measurement of the discharge of water from orifices, nozzles, weirs, etc., under varying conditions; arrangements for investigation of loss of head by surface friction, and at curves and bends in pipes; Venturi meter; centrifugal pumps, turbines, including Pelton wheel, and reaction wheels of Francis and propeller types; apparatus for measurement of pressure due to impact of jets; gauge testing appliances; apparatus for study of stream lines in a perfect fluid, calibrated tanks, weighing appliances, and measuring apparatus.

The turbines are of the most modern type and are arranged for testing so that complete characteristic curves can be obtained. Different types of draft tubes can be used, so that a thorough study can be made of the behaviour of runners.

STRENGTH OF MATERIALS LABORATORIES

These laboratories are equipped with apparatus for determining the physical properties of materials and for illustrating the fundamental laws of the strength of materials. The equipment includes: Riehlé 60,000-lb. testing machine, Wicksteed 100-ton, Wicksteed 50-ton and Emery 75-ton machines, and an Olsen 10,000-lb machine. The 100-ton Wicksteed machine is equipped for testing the transverse strength of girders and beams up to 26 feet in length. Provision is made for testing rope, belting and textile fabrics; the holding power of nails, strength of hose, etc.

There are numerous extensometers of various types and portable cathetometers, also a large cathetometer designed for the determination of extensions, compressions and deflections of specimens under stress in the testing machines.

Miscellaneous equipment includes: apparatus for measuring torsion, the deflection of springs, the elongation of rods under tension, bending combined with torsion, etc.; numerous gauges, among which is a 2,500-lb. Emery pressure gauge; apparatus for determining hardness including a Shore scleroscope; microscopes, and apparatus for microscopic study of metals; chemical and other balances, including an Oertling balance, capable of indicating with extreme accuracy weights of from 0.00001 lb. to 125 lbs.; micrometers; including a 10-inch Howard gauge, and Berry strain gauges; Amsler calibrating box, etc.

Electrical Engineering

SENIOR LABORATORY

This laboratory is equipped for the study of alternating current phenomena, and contains alternators of various types and frequencies; single and polyphase induction motors; single phase series and repulsion motors; constant voltage and constant current transformers; rectifiers; rotary converters; potential regulators; meters, and other auxiliary apparatus. A travelling crane serves this laboratory.

JUNIOR LABORATORY

This is equipped for the study of direct current phenomena, and is supplied with generators and motors of different types; arc and incandescent lamps; meters, and other auxiliary apparatus. Alternators, transformers, rotary converters and induction motors are provided for the use of students taking the general elementary course. A travelling crane serves this laboratory.

ELECTRICAL MEASUREMENTS LABORATORY

This is equipped with apparatus for precision measurements of electrical quantities; it is used by senior and by graduate students and by members of the staff for industrial testing and research.

The most common tests performed are conductivity, insulation resistance, ratio and phase angle of transformers, calibration of meters, magnetic testing, temperature coefficients of resistance, capacity, inductance, light distribution curves and efficiency of transmission of light.

The equipment includes a Kelvin double bridge for low resistance measurements; Wheatstone bridges; standard resistances; standard cells; potentiometer; Kelvin current and watt balances; ammeters, voltmeters and wattmeters; frequency meters; current and potential transformers; galvanometers; dynamometers; potential regulators; phase shifters; photometer bar with universal rotators, sector discs and screen; photometric sphere; standard incandescent lamps; portable photometer; permeameter; iron tester; three-element oscillograph, and variable mutual inductances and condensers.

The laboratory is supplied with direct current to 750 amperes, and with alternating currents to 3,000 amperes. Variable audio-frequency oscillation generators provide power for bridge measurements.

COMMUNICATION ENGINEERING LABORATORY

This contains apparatus for radio and audio-frequency measurements, and for experiments on vacuum tubes. A standard signal generator is available for making tests of selectivity and response of receiver circuits and for field strength measurements. The laboratory is also equipped for the study of telephone problems—transmission, inductive interference, measurement of noise, cross-talk, transpositions, repeaters, etc.

HIGH VOLTAGE LABORATORY

This contains four 200/50,000 volt transformers, insulated so as to operate up to 200,000 volts; 200/200 volt insulating transformer; 110/20,000 volt testing transformer; standard spark-gaps, electrostatic voltmeter and other auxiliary equipment. Transformers are provided with auxiliary coils for direct voltage measurement and for connection to the oscillograph. The connections are such that any machine in the department may be used as a source of power, so that a wide range of frequency and wave form is available.

LIBRARY

There is a small working library adjacent to the laboratories.

MACHINE SHOP

The Department maintains a small machine shop for instrument and machine repairs and for the construction of special experimental apparatus.

Geodesy and Surveying

MAIN LABORATORY

The equipment of this laboratory consists of Rogers comparator and a standard bar; fifty-foot standard and comparator for standardizing steel bands, chains, tapes, rods, etc.; Munro-Rogers linear dividing engine; Rogers circular comparator; clock and circuit in connection with the observatory clocks; chronometers running on mean and sidereal time; chronograph; Bessel's reversible pendulum apparatus; water gauge apparatus for testing aneroid barometers; level triers; collimators, etc.

The laboratory and clock rooms are constructed with double walls and enclosed air spaces, and the temperature within may be brought to, and held at, any desired degree.

ASTRONOMICAL OBSERVATORY

The observatory equipment for the purpose of instruction in practical astronomy consists of a prismatic transit with zenith attachment; astronomical transits for meridian observations; zenith telescopes; alt-azimuth instrument; sidereal and mean time clocks and chronometers; chronograph and electrical circuits by which observations and clock comparisons within or without the observatory may be made.

Geological Sciences

PETROGRAPHICAL LABORATORY

This laboratory has accommodation for eleven students doing microscopic work. There is another laboratory for use by graduate students. The equipment includes collections of rocks, totalling some 7,500 specimens, and about 5,500 thin sections for microscopic study. Petrographic microscopes are furnished by the department, which possesses also one research model and a large Dick microscope. There is a projecting apparatus and camera for photomicrographs.

The preparation room is fitted with saws, lathes, etc., for cutting and polishing rocks, minerals, and ores, and for making thin sections.

ECONOMIC AND PRACTICAL GEOLOGY

Most of the classes in economic and practical geology are held in the Redpath Museum, where there is an extensive collection of maps, diagrams, lantern slides, models, etc.

The museum of economic geology in the Chemistry and Mining Building contains about 4,000 specimens of metallic ores, from the important mining centres of Canada and elsewhere, as well as exhibits of non-metallic minerals and of Canadian coals.

For work in mineralography, the department possesses microscopes equipped for use with polarized light. There is also a projecting microscope, with which polished sections may be examined in the ordinary way, be projected on a screen for class demonstration, or be photographed. A representative collection of polished sections of minerals and ores is provided.

MINERALOGY AND CRYSTALLOGRAPHY

The mineral collection is housed in the Redpath Museum. In the Chemistry and Mining Building there are over 5,000 specimens of minerals and crystals, for teaching and demonstration purposes, abundant material

for blowpipe analysis, and crystal models in wood and in glass. The instrumental equipment includes reflecting and hand goniometers; a one-circle theodolite goniometer; a two-circle goniometer; two binocular microscopes; an axial-angle instrument; a projecting polariscope; hand refractometer; dichroscope; small crystal-cutting and polishing machine; balances for specific gravity; chemical balance; etc.

HISTORICAL GEOLOGY

Classes and laboratory work in historical geology are conducted in the Redpath Museum. On the main floor is exhibited a systematic collection of fossils, with duplicate specimens.

LIBRARY

The departmental library contains standard text-books; publications of the Geological Survey and Mines Branch, the British Columbia, Ontario, and Quebec Departments of Mines, and the United States Geological Survey; journals of geological and related societies; a complete set of "Economic Geology"; etc. There is also a collection of some 7,000 "separates" of scientific papers in the field of geological science.

Mechanical Engineering

MECHANICAL LABORATORY

The equipment includes a Thurston oil tester, fitted for varying the temperature of the brasses; visocosimeters and other apparatus for the physical testing of lubricants; a high-speed horizontal engine operated by compressed air; a gas-fired preheater for the above engine; an airbrake pump fitted for testing and for supplying compressed air for experimental purposes; a steam pump; apparatus for measuring heat loss from pipe coverings and from radiators, the efficiency of gearing, for governor testing, for testing fans and blowers, etc.

STEAM ENGINE LABORATORY

This laboratory is furnished with an experimental engine designed for investigating the behaviour of steam. The cylinders can be connected so as to allow of working as a single, compound, triple or quadruple expansion engine, either condensing or non-condensing, and with any desired ratio of expansion. Jackets are fitted to permit of measuring the condensate in the cover, barrel or bottom jacket of each cylinder. The engine can be worked at any desired pressure up to 200 lbs. per square inch. There is an independent surface condenser and air pump. Two hydraulic absorption brakes or a friction brake measure the power developed.

This laboratory also contains the following machinery:—an automatic-cut-off engine, specially fitted for the measurement of cylinder temperatures; an automatic high-speed engine; a horizontal engine, fitted for instruc-

tional work in valve setting, and with an independent surface condenser; a two-stage air compressor with an intercooler whose capacity can be varied as desired; a turbo-generator with independent surface condenser, air pump, and bank of lamps for varying the load; two high-speed compound engines, one of which is used to drive a CO_2 ice machine, etc.

Steam is obtained from the University Power Station. A 385-pound pressure boiler provides facilities for conducting boiler trials.

GAS ENGINE LABORATORY

This laboratory contains a horizontal slow-speed gas engine; a suction type producer for the above with the necessary scrubbers and gas cleaning apparatus; an Otto-type gas engine; a 2-cylinder, 2-cycle marine gasoline engine; a Blackstone oil engine; a 6-cylinder automobile engine with water brake; an Hvid oil engine; a crude oil engine and a marine Diesel engine fitted with hydraulic brake, fuel measuring tanks, etc.

MACHINE SHOP

This shop contains lathes, shapers, milling machines, etc. in addition to being used for shopwork instruction it is used for time and routing studies, etc.

Metallurgical Engineering

LABORATORIES

These consist of a furnace room for metallurgical operations, a furnace room for assaying, a balance room, two small chemical laboratories, and parts of other rooms, which are utilized for pyrometric and photo-microscopic work.

Apparatus has also been provided for the study in detail of metallurgical operations, using small quantities of ore or metallurgical products. For this work there are crucible and muffle furnaces, heated by coke, gas, oil or electricity.

Electric furnaces, automatically controlled, have been installed for making steel, smelting ores, melting metals, and researches at high temperature. A low-voltage direct-current generator is employed for electrolytic operations, and an electric rotator and storage battery have been added for electrolysis on a small scale. An electric muffle furnace is in regular use for tests of refractory materials, measurements being made with an optical pyrometer and Seger cones. A surface combustion gas furnace and an oxy-acetylene furnace are also available for high temperature work.

An electric furnace with recording pyrometer has been modified to give automatic control for heat-treatment and pyrometric research. There is an electric muffle furnace with automatic temperature control, and an electric oven for constant temperature work up to 180°C. An oxy-acetylene cutting and welding outfit has proved both instructive and useful.

An hydraulic press and an apparatus for compressing gases are available for experiments under great pressure. A drop-testing machine, a metal-bending tester, and hardness testers have been installed.

The assaying laboratory is equipped with coke-fired and gas-fired crucible furnaces, a gas muffle and an oil-fired muffle. Adjoining the assaying laboratory are the balance room and a laboratory for chemical work. One of the chemical laboratories has been fitted up as a regular "works laboratory" where students are trained in commercial metallurgical analysis.

The metallographic laboratory is well equipped with microscopes, including a standard works microscope with photographic attachment. It has also a dark room and two polishing machines for preparing metal specimens.

LIBRARY

There is a small departmental library, and students have access to the Mining Engineering Library.

Mining Engineering

LABORATORIES

The Department has a laboratory for ore-dressing, and a number of rooms equipped for use as special laboratories, dark room, machine shop, etc.

The equipment of the ore-dressing laboratory comprises apparatus designed for individual work on a small scale. Much is for elementary investigation and demonstration of a theoretical nature; other pieces are reproductions on a reduced scale of typical ore-dressing machines. Each machine is ordinarily used and tested independently, but the machines can be connected and complete plants of various kinds can be improvised. Special attention is paid to flotation and cyanidation. In flotation, the plant is arranged for continuous operation and for the selective flotation of two or more minerals, under conditions which approximate large scale operations in practice and in results obtained.

The main laboratory contains gyratory and jaw rock crushers; rolls; sample grinders; ball mills; pebble mills; amalgamation pans; samplers; a belt screen; a Tyler-Hummer screen; power shaking screens; a pulsator jig; small hand jigs; riffled tables; magnetic separators, flotation apparatus

of different types; a Pachuca agitator; cyanidation vats and agitators; a Dorr thickener; an Oliver filter; smaller vacuum and pressure filters; plates, pans and barrels for amalgamation; settling and feeding cones, and various other special pieces of apparatus.

Air lifts, centrifugal pumps, feeders, samplers, etc., are provided for continuous work. A vacuum pump serves the filters. Two steam-jacketed drying tables are provided. The power used is chiefly electricity. The department is equipped with apparatus for electrical measurements, and is able to make continuous and accurate determination of the power used by each machine. Compressed air is furnished by a single-stage air compressor. A tank and nozzle are provided with which the students make compressor efficiency tests.

There are excellent facilities for advanced and research work, including a chemical and an assay laboratory and a photographic room.

LIBRARY

The Department has a small but efficient library to which students have free access.

Physics

LABORATORIES

The equipment of the laboratories comprises apparatus for illustrating lectures; simple forms of the principal instruments for use by students; and various important instruments for exact measurements, to be used in special work and research.

There are a liquid air plant and laboratories for research work: Stark effect, radioactivity, electrical measurements, spectroscopes, etc. There is a constant temperature room fitted with Moll recorder and concave grating.

The main electrical laboratory is fitted with a number of brick piers, which rest on independent foundations, in addition to the usual slate shelves around the walls. This room contains electrometers, galvanometers, potentiometers, and other instruments. Three small research laboratories adjoin the electrical laboratory. A well-equipped workshop serves for the construction of research apparatus and repair work.

There is an elementary laboratory for practical work in heat, sound, light, electricity and magnetism and an optical annex for experiments which require a darkened room. There are also an optical laboratory and a heat laboratory for advanced and research work, a series of smaller optical rooms, private laboratories, workshops, and a dark room for photographic work.

FACULTY OF MEDICINE

HISTORICAL SUMMARY

1821-1932

1744	James McGill, born October 6th (Founder's Day). Died 1813.
1801–02	Royal Institution for Advancement of Learning contemplated by Provincial Act of Parliament.
1811	Will by James McGill leaving landed estate and £10,000 to Royal Institution for Advancement of Learning for founding a University.
1818	Royal Institution for Advancement of Learning incorporated. Montreal General Hospital opened on original site on St. Lawrence Street.
1821	Royal Charter granted to the Royal Institution for the Advancement of Learning for the foundation of McGill College. Cornerstone of new Montreal General Hospital laid.
1822–24	Montreal Medical Institution organized as a Medical School by Officers of Montreal General Hospital. At opening lecture at No. 20 St. James Street on October 28, 1924, there were four teachers and twenty-five students.
1829	Estate of James McGill surrendered by residuary legatee. First meeting of Governors at Burnside House. Montreal Medical Institution "engrafted upon" McGill University as its Medical Faculty. First session of Faculty of Medicine.
1831	Medical Faculty petitioned Legislature for permission to grant degrees, and framed statutes to fulfil conditions of charter for same by order of Solicitor-General.
1832	Statutes approved and permission to confer degrees granted to Medical Faculty, and Professorships granted by Crown to Drs. Holmes, Caldwell, Robertson and Stephenson.
1833	First University degree conferred in Medical Faculty upon W. Logie.
1836–37	Faculty removed to building next to present Bank of Montreal.
1840	Faculty removed to St. George Street.
1842	Arts Building erected on University grounds, where medical lectures were held 1845–51.
1852	Faculty removed to Côté Street.
1855	Sir William Dawson appointed Principal.
1860	Geo. W. Campbell appointed Dean, serving until 1882.
1872	First independent Medical Faculty building on University ground.
	Graduation of William Osler.

1882	Geo. W. Campbell Memorial Fund for Medical Faculty ($50,000); Leanchoil Endowment Fund for Medical Faculty (Lord Strathcona, $50,000). R. P. Howard appointed Dean.
1885	New laboratories erected in Medical Building (Lord Strathcona, $100,000).
1889	Robert Craik appointed Dean—George Ross, Vice-Dean.
1893	Pathological Laboratory erected (John H. R. Molson, $60,000); Chairs of Hygiene and of Pathology endowed (Lord Strathcona, $100,000). Mrs. Mary Dow Endowment Fund presented to Medical Faculty ($10,000).
1894	Royal Victoria Hospital opened (Lord Mount-Stephen and Lord Strathcona).
1895	Sir William Peterson appointed Principal.
1898–01	Medical Faculty Building reconstructed and enlarged with new laboratories, etc. (Lord Strathcona, $100,000). Joseph Morley Drake Chair of Physiology founded ($25,000).
1901	Thomas G. Roddick appointed Dean.
1906	Alexandra Hospital for Infectious Diseases opened.
1907	Medical Building partly destroyed by fire.
1908	F. J. Shepherd appointed Dean.
1909–11	New Medical Building (as at present) erected. (Lord Strathcona, $450,000).
1911	Robert Reford endowment of Department of Anatomy ($100,000). Arthur A. Browne Memorial Fund for Research established ($10,000). Dr. James Douglas research fellowship in Pathology founded ($25,000).
1912	Eddie Morrice Laboratory of Pharmacology opened (D. Morrice, $14,000). James Cooper Endowment Fund established for Internal Medicine ($60,000).
1913	Graduates of the Faculty of Medicine subscribed $12,566 to meet fire loss.
1914	H. S. Birkett appointed Dean. No. 3 (McGill) General Hospital organized for Overseas service. New Foundling Hospital opened.
1916	Ross Memorial Pavilion (J. K. L. Ross), opened by H.R.H. Duke of Connaught.
1917	Geo. Ross Endowment Fund for Medical Faculty presented.

1919 Sir William Macdonald bequeathed $500,000 to Medical Faculty.
Faculty of Dentistry established. Osler Library (of the history of medicine and science) bequeathed to the Faculty of Medicine by Sir William Osler.

1920 Sir Arthur Currie appointed Principal.
Dr. J. W. Scane appointed Assistant Dean.

1921 Centenary Celebration.
Friends and Graduates of McGill donated $4,000,000 to University.
Province of Quebec donated $1,000,000 to University.
Rockefeller Foundation granted $1,000,000 to Medical Faculty.
F. G. Finley appointed Dean.

1922 Laboratories for Biological Sciences opened.
Geo. E. Armstrong appointed Dean.
New Outpatient Department erected at Royal Victoria Hospital.

1923 Pathological Institute erected.
C. F. Martin appointed Dean.

1924 Rockefeller Foundation gave $500,000 to Medical Faculty to establish University Clinic in Department of Medicine at Royal Victoria Hospital.
Amalgamation of Western Hospital with the Montreal General Hospital.

1925 Erection of Royal Victoria-Montreal Maternity Pavilion.
Roddick Memorial Gates opened.

1926 Closing of old Montreal Maternity Hospital.

1927 Sub-department of Industrial Medicine formed, with Industrial Clinic at the Montreal General Hospital. (Grant of $25,000 from Metropolitan Life Insurance Company).
Inter-Hospital Commission formed for purposes of administration.

1929 Opening of new laboratory building for Experimental Surgery
Rockefeller Foundation gave $85,000 for research in Surgery.

1932 Gift of $1,232,652 from the Rockefeller Foundation for the Department of Neurology and Neurosurgery.

OFFICERS AND MEMBERS OF THE FACULTY SINCE ITS ORIGIN

DEANS

Dr. R. Robertson, official head of the Montreal Medical Institution, 1823, was followed bv Dr. John Stephenson in 1829 as Registrar and official head of the Faculty up to 1842, when he was succeeded by Dr. A. F. Holmes with the title of Secretary.

A. F. Holmes, 1854.
Geo. W. Campbell, 1860.
R. P. Howard, 1882.
Robert Craik, 1889.
George Ross (Vice-Dean), 1889.
Thomas G. Roddick, 1901.
Francis J. Shepherd, 1908.
Herbert S. Birkett, 1914.
F. G. Finley, 1921.
George E. Armstrong, 1922.
C. F. Martin, 1923.
(J. W. Scane, Assistant Dean, 1920–1922.)

REGISTRARS

John Stephenson, 1829.
Archibald Hall, 1842.
William Wright, 1864.
Robert Craik, 1869.
William Osler, 1877.
F. J. Shepherd, 1883 (Acting).
James Stewart, 1884.
R. F. Ruttan, 1891.
E. M. Eberts, 1902.
(J. W. Scane, Assistant Dean, 1920–1922.)
Registrarship abolished—1923

SECRETARIES

J. C. Simpson, 1923.

MEDICINE

Chair of Medicine
(Founded 1824)

William Caldwell, 1824.
William Robertson, 1833.
Andrew F. Holmes, 1842.
R. P. Howard, 1860.
George Ross, 1889.
James Sewart, 1893.

Chair of Clinical Medicine
(Founded 1845)

James Crawford, 1845 and 1852.
Robt. L. MacDonnell, 1849.
Stephen C. Sewell, 1850.
R. P. Howard, 1856.
Duncan C. MacCallum, 1860.
Joseph M. Drake, 1872.
George Ross, 1872.
Richard L. MacDonnell, 1889.
James Stewart, 1891.

Chair of Medicine and Clinical Medicine
(Founded 1907)
(*Chair of Medicine since 1923*)

F. G. Finley, 1907–1924.
H. A. Lafleur, 1907–1919.
C. F. Martin, 1907.
J. C. Meakins, Professor and Director, 1924.
C. P. Howard, 1924.
W. F. Hamilton, 1924.

SURGERY

Chair of Surgery
(Founded 1824)

John Stephenson, 1824.
G. W. Campbell, 1835.
Geo. E. Fenwick, 1875.
T. G. Roddick, 1890.

Chair of Clinical Surgery
(Founded 1840)

James Crawford, 1845.
William E. Scott, 1852.
Duncan C. MacCallum, 1856.
Robert Craik, 1860.
George E. Fenwick, 1867.
Thomas G. Roddick, 1876.
James Bell, 1894.

Chair of Surgery and Clinical Surgery
(Founded 1907)
(*Chair of Surgery since 1923*)

James Bell, 1907–1911.
Geo. E. Armstrong, 1907–1923.
J. A. Hutchison, 1913–1923.
E. W. Archibald, Professor and Director, 1923.
A. T. Bazin, 1923.
E. M. Eberts, 1929.

OBSTETRICS AND GYNAECOLOGY

Chair of Obstetrics
(Founded 1824)

William Robertson, 1824.
John Racey, 1833.
Geo. W. Campbell, 1835.
Michael McCulloch, 1842.
Archibald Hall, 1854.
D. C. MacCallum, 1868.
Arthur A. Browne, 1883.
J. Chalmers Cameron, 1886.

Chair of Gynæcology
(Founded 1883)

William Gardner, 1883.
W. W. Chipman, 1910.

Chair of Obstetrics and Gynæcology
(Founded 1913)

W. W. Chipman, 1913–1929.
J. R. Fraser, 1929 Professor and Director.
H. M. Little, 1929.

ANATOMY

(Chair founded 1824)

John Stephenson, 1824.
Oliver T. Bruneau, 1842.
William E. Scott, 1856.
Francis J. Shepherd, 1883.
A. C. Geddes, 1913.
S. E. Whitnall, 1919.

CHEMISTRY

Chair of Chemistry
(Founded 1824)

Andrew F. Holmes, 1824.
Archibald Hall, 1842.
William Sutherland, 1849.
Robert Craik, 1867.
Gilbert P. Girdwood, 1879.
R. F. Ruttan, 1902.

Chair of Practical Chemistry
(Founded 1872)

Gilbert P. Girdwood, 1872.
R. F. Ruttan, 1894.

Chair of Bio-Chemistry
(Founded 1920)

A. B. Macallum, 1920.
J. B. Collip, 1928.

INSTITUTES OF MEDICINE

Chair of Institute of Medicine

(Founded 1824 and included the Department of Physiology, Histology and Pathology)

JOHN STEPHENSON, 1824.
STEPHEN C. SEWELL, 1842.
ROBERT L. MACDONNELL, 1845.
WILLIAM FRASER, 1849.
JOSEPH M. DRAKE, 1868.
WILLIAM OSLER, 1874.

PHYSIOLOGY

(Founded 1824—endowed 1897)

WESLEY MILLS, 1886.
N. H. ALCOCK, 1911.
G. R. MINES, 1914.
JOHN TAIT, 1919.
BORIS P. BABKIN (Research Professor), 1928.

HISTOLOGY

GEORGE WILKINS, 1883–1907.
J. C. SIMPSON, 1910.

PATHOLOGY

(Founded 1892—endowed 1893)

J. GEO. ADAMI, 1892.
H. OERTEL, 1919.

PHARMACOLOGY

Chair of Pharmacology and Therapeutics

(Founded 1824)

ANDREW F. HOLMES, 1824.
ARCHIBALD HALL, 1835.
STEPHEN C. SEWELL, 1842.
A. HALL, 1849.
WILLIAM WRIGHT, 1854.
JAMES STEWART, 1883.
A. D. BLACKADER, 1891.

Chair of Pharmacology

H. G. BARBOUR, 1921.
R. L. STEHLE, 1924.

BOTANY

(Chair founded 1829)

Andrew F. Holmes, 1829.
Dr. Papineau, 1845.
J. W. Dawson, 1855–56 and 1858–83.
James Barnston, 1857–58.
D. P. Penhallow, 1883.
F. E. Lloyd, 1912.

MEDICAL JURISPRUDENCE

(Chair founded 1845)

William Fraser, 1845.
Francis Badgley, 1849.
Francis C. T. Arnoldi, 1850.
William E. Scott, 1851.
William Wright, 1852.
R. Palmer Howard, 1854.
Duncan C. MacCallum, 1860.
George E. Fenwick, 1867.
William Gardner, 1875.
George Wilkins, 1883.
D. D. MacTaggart, 1911–1929.

HYGIENE AND PUBLIC HEALTH

(Chair founded 1871—endowed 1893)

George Ross, 1871.
Thomas G. Roddick, 1873.
Robert T. Godfrey, 1875.
William Gardner, 1879.
R. L. MacDonnell, 1886.
Robert Craik, 1889.
Wyatt Johnston, 1902.
T. A. Starkey, 1902.
A. G. Fleming, Professor and Director of the Department of Public Health and Preventive Medicine, 1926.

OPHTHALMOLOGY AND OTO-LARYNGOLOGY

Chair of Ophthalmology and Otology
(Founded 1883)

Frank Buller, 1883.

Chair of Laryngology
(Founded 1893)

G. W. MAJOR, 1893.
H. S. BIRKETT, 1895.

Chair of Oto-Laryngology

H. S. BIRKETT, 1895–1931.
E. HAMILTON WHITE, 1931.

Chair of Ophthalmology

J. W. STIRLING, 1906.
W. G. BYERS, 1923.

CHAIR OF ZOOLOGY

E. W. MACBRIDE, 1902.
ARTHUR WILLEY, 1910.

CHAIR OF HISTORY OF MEDICINE

ANDREW MACPHAIL, 1907.

CHAIR OF BACTERIOLOGY

F. C. HARRISON, 1928.
E. G. D. MURRAY, 1930.

NEUROLOGY AND NEUROSURGERY

(Founded 1932)

W. G. PENFIELD, 1932.

FACULTY OF MEDICINE

The one hundredth session of the Faculty will open on September 14th, 1932.

ENTRANCE REQUIREMENTS

A sound general education is an essential foundation for professional training and a four-year course leading to a B.A. or B.Sc. degree is considered the most desirable preparation for the study of medicine. Preference will be given, therefore, to applicants who have had a full academic course in which the humanistic studies have not been sacrificed to a narrow scientific specialization.

Candidates without a degree should have at least three years of college work. In exceptional cases applications may be received from students who have completed two years of work in a recognized college or faculty of Arts, provided they present certificates that they have scholastic standing placing them in the first third of their class.

It is distinctly to be understood that the Faculty does not undertake to accept all students who have passed the courses necessary to fulfil the requirements. It reserves the right to select for admission only those candidates who, in the opinion of the Committee on Admissions, give promise of work of high quality in the medical course.

All applicants must present satisfactory evidence that their college courses include the following:—

Physics—One year of general college Physics with laboratory work.

Biology—One year of General Biology and Zoology with laboratory work. One half-year of Botany and one half-year of Zoology will be accepted, but not one year of Botany alone.

Chemistry:—Two years:—

(a) One full course of General Chemistry with laboratory work.

(b) One full course of Organic Chemistry with laboratory work.

Students who wish to pursue their preliminary course at McGill may register as regular undergraduates in the Faculty of Arts and Science and should apply for admission to the Faculty of Medicine at the end of their third year or preferably on graduation.

Candidates for admission to the Faculty of Medicine must also present evidence that they have satisfied the matriculation requirements of the Licensing Body of the Province to which they belong. (For further particulars see "Requirements for Licence to Practise," p. 316.)

APPLICATION FOR ADMISSION

Application for admission to the Faculty of Medicine must be made upon the regular application form which may be obtained from the Secretary of the Faculty.

As the number of students in each class is limited, application should be made early and in any case not later than July 1st.

A fee of $25.00 is payable by the applicant within ten days of the receipt of notice that he has been accepted for admission. If the applicant registers within the prescribed registration period in September, this fee will be credited on his University fees. If he fails to register the fee lapses, and will be used by the University to meet the cost of its administration and overhead charges in caring for applicants who do not finally register.

A personal interview with the Dean or Secretary of the Faculty, when possible, is advisable.

APPLICATION FOR EQUIVALENT STANDING

A student of another Medical School who desires to be admitted to the Faculty of Medicine of this University with equivalent standing is required to submit to the Secretary of the Faculty an official statement of his preliminary education and of the course he has followed and the standing he has obtained. This should be accompanied by a Calendar of the Medical School in which he has studied, giving a full statement of the courses of study, and by a certificate of moral character and conduct.

REGISTRATION

Students in the Faculty of Medicine will register at the Registrar's Office for the session 1932–33 on September 7th to September 13th, 1932. Those who register after September 14th will be required to pay a late registration fee of $5.00 if they do so during the first week of the session and $10.00 if during the second. The fee will not be refunded except for satisfactory reasons and by authorization of the Faculty. No student will be admitted after the fifteenth day of the session except by special permission of the Faculty.

MEDICAL EXAMINATION

In order to promote as far as possible the physical welfare of the student body, men students of the First and Second Years, and women students of the First and Third Years, in every Faculty, and all students coming to the University for the first time, are required to be medically examined. The hours of such examinations are announced at the beginning of the session. Any student who has failed to comply with this regulation before the 1st of November will be fined $5.00. Any student who has failed to comply before the 8th of November will be fined an additional $5.00. Any student who has failed to comply before the 15th of November will be suspended. Re-examinations are held frequently throughout the session for those students who are of low category, or who are suffering from physical disability.

Students of all years, who wish to engage in athletic activities, are also required to be medically examined.

VACCINATION

All students entering the University for the first time are required to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years. Failing this, students must be vaccinated at once in a manner satisfactory to the medical examiner.

The penalties for non-compliance with this regulation are those stated above for the medical examination.

HEALTH

Provision is made by the Department for the care of the health of undergraduates during the session. If a student's admission to Hospital is requisitioned for by the Department, but not otherwise, one-half of all public ward charges is met by the University. A leaflet and handbook concerning this service and the general work of the Department, are distributed at the opening of the session.

ATHLETICS

All students in good standing who are taking a course of study held to be sufficient by a special committee of the Faculty in which they are enrolled will be allowed to take part in athletics, subject, however, to the general regulations regarding medical examination.

During the session and including the Christmas holidays, all teams and individual *students desiring to participate in "outside"* athletics* must first apply to the Captain or Manager of the club concerned, who must secure the permission of the Athletic Manager, by whom all such sanctions are granted.

---

*"Outside athletics" is interpreted to mean athletics over which the Athletic Board of the University or the Canadian Intercollegiate Athletic Union does not have control.

Should any student take part in any athletic contest not having been sanctioned as above, or who is not personally qualified under the regulations regarding eligibility, medical examination, etc., such student shall be immediately debarred from participating in all University athletics. He shall be reported to the Athletic Board, which body shall, if it sees fit, request the offender to withdraw from the University, if the consent of the Principal has been given, until Corporation shall meet to deal with the matter.

(For further regulations see handbook published by the Athletic Board.)

FEES IN MEDICINE

TUITION FEES:

1. For British Students the regular Undergraduate course, per Session is..... $275.00
   By Instalments: First instalment..... 140.00
   Second instalment..... 140.00
2. For Non-British students the fee per session is..... 350.00
   By instalments: First instalment..... 177.50
   Second instalment..... 177.50
3. Students repeating the course of study of any academic Session, pay one-half the fee for the regular undergraduate course, which will include dissecting material, chemical reagents, laboratory fees, etc.
4. Partial Students will be admitted to one or more courses on payment of special fees.
5. The fee for the graduate course in Public Health, including laboratory and outdoor work is $110.00 for British Empire students and $140.00 for Foreign students.
6. Fees are due and payable at the Bursar's Office as follows:—
   Tuesday, September 20th.
   Wednesday, September 21st.
   Thursday, September 22nd.
   but they may be paid before September 17th. The second instalment of tuition fees is due and payable on February 1st. An additional $2.00 is charged for payment after the specified dates.

OTHER FEES:

7. Sessional fees of $18.00 is payable by all men undergraduates and $12.00 by all women undergraduates, for the support of student organizations, for the rinks and tennis courts and for admission to all home games under the control of the Athletic Board.
8. Partial students pay $3.00 for athletics and athletic grounds. If they desire such of the privileges of Section 7 as are open to them, an additional $9.50 is charged for men students and $8.00 for women students.

9. Every student is required to make a deposit of $10.00 as Caution Money to cover damage done to furniture, apparatus, books, etc. This amount, less deductions, is returned at the close of the Session.

Registration Fee: British students $5.00; Non-British students	$10.00
Late registration after September 13th	5.00
Late registration after September 20th	10.00
Supplemental examinations	10.00
Receipts for supplementals must be shown to the Dean's office before the examination.	
Conferring the degree in Absentia	20.00
Duplicate Graduation Diploma	10.00
Certified copy of students record	1.00
Fine for late Medical examination (see page 105) ...$5.00 or	10.00
Health Fee	5.00
Graduation Fee, British students $10.00, Non-British students	15.00
An Ad Eundem fee is charged students entering from another University in any year above the First	10.00

10. Students registering late pay their fees at the time of registration failing which they become subject to the provisions of regulation 6.

11. Immediately after October 20th, on February 5th (when the fee is paid in instalments) a list of the registered students who have not paid their fees is sent to the Dean of the Faculty, who removes their names from the register of attendance. Such students cannot be readmitted to any class until instructions have been received from the Bursar that all fees have been paid.

All fees are payable in Canadian currency.

MICROSCOPES

Each student, on beginning his studies, is required to provide himself with a first-class microscope for laboratory and private study throughout his course. The microscope must be of substantial construction and be provided, as a minimum, with the following accessories:—2/3, 1/6, and 1/12 oil immersion objective, and a substage condenser. Such an instrument will last a lifetime and is an essential part of the equipment of a practitioner in medicine.

Should the student not be provided with such a microscope, he may purchase a new guaranteed instrument through the Bursar's office of the University for the sum of $105.00 or on the deferred payment plan, by which payment is spread over five years, as follows:—First year, $32.00; second year, $25.00; third year, $22.00; fourth year, $20.00; fifth year, $16.00.

COURSE FOR THE M.D. DEGREE AND EXAMINATIONS

Certain fundamental changes have been initiated in the curriculum, rendering it much more flexible, more balanced and affording the student a certain freedom of choice. Thereby, too, the student assumes more responsibility for his own education. Incidentally he is relieved from an over-crowded curriculum in order to have more time for independent thought and work.

While a certain sequence of courses is essential to a well-ordered curriculum, he will no longer be passed on from year to year in lock step, but may assume greater latitude in the selection of the form and matter of study, and to some extent, too, in the choice of clinical teachers.

A. THE MEDICAL COURSE

The Academic year is divided into three terms of ten weeks and the minimum period of study required for the degree is fifteen terms (five years).

The subjects comprised in the medical course are arranged in two groups:

The Preclinical Group:

Anatomy.
Histology and Embryology.
Biochemistry.
Physiology.
Pharmacology.

The Clinical Group:

Bacteriology.
Pathology.
Public Health and Preventive Medicine.
Medicine (including Pædiatrics, Neurology, Psychiatry, Dermatology and Laboratory Diagnosis).
Surgery (including Urology and Orthopædic Surgery).
Obstetrics and Gynæcology.

Ordinarily, the preclinical subjects occupy two years and the clinical group three years of the course.

In each group the courses offered are of two kinds:

Required Courses covering the ground which is essential to the training of a medical practitioner.

Elective Courses designed to give a broader and deeper training in the major subjects and the specialties.

The required courses are arranged in such a manner that a considerable amount of the student's time is left free for the independent study and for elective courses in the pre-clinical and clinical subjects.

The required subjects of each group will ordinarily be taken in a definite sequence but qualified students may be allowed to arrange their schedule in accordance with their interests and previous training.

B. EXAMINATIONS

1. *Final or University Examinations* will be held in each major required subject of the curriculum. Grades attained in these examinations will be entered in the students' records, and will be the only grades used in determining aggregate standing.

To qualify for the University examinations the student must have fulfilled the following conditions:

Anatomy: must have completed three terms of instruction in the subject and have passed all the required course examinations.

Histology and Embryology: must have satisfactorily completed three terms of instruction in the subject and have passed all required course examinations.

Physiology: must have satisfactorily completed five terms of instruction and have passed all required course examinations.

Biochemistry: must have completed two terms of instruction and have passed all course examinations in the subject.

Pharmacology: must have satisfactorily completed one term of instruction.

Bacteriology: must have completed a course in Bacteriology *and* must have taken at least three terms of instruction in Pathology.

Pathology: must have completed at least six terms of work in the subject.

Public Health: must have completed the course and have taken at least six terms of clinical instruction.

Medicine: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Medicine. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Surgery: the *written* examination may be taken at any time after completion of six terms of clinical instruction, including three terms in Surgery. The *practical* examination may be taken on completion of nine terms of clinical instruction.

Obstetrics: both written and practical examinations may be taken on the completion of nine terms of clinical instruction.

2. *Departmental or Course Examinations*, i.e. examinations held during, or at the conclusion of individual courses in any subject and for the purpose of determining the students' progress and fitness to proceed in a given subject.

The following special regulations have been adopted in respect to course examination in the clinical subjects:

1. *Pathology*—A course examination on the termination of the course in General Pathology (9th term).
2. *Medicine*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination at the end of the 3rd and an oral examination at the end of the 4th year. Written examinations in Paediatrics, Therapeutics, and Psychiatry will be held during the 4th year.
3. *Surgery*—At the end of each term the group teachers shall report on the progress made by each student in their groups; in addition to this, there shall be a written examination at the end of the fourth year.
4. *Obstetrics*—An oral examination at the end of the course of didactic lectures in the 3rd year; and an oral and practical examination at the end of each term in the 4th year.

To qualify for the Final Examinations leading to the degree, a student must have passed the course examinations in the required subjects of the clinical group, and must have satisfactorily completed the prescribed courses of study and practice in:

I. Ophthalmology.
II. Otolaryngology.
III. Psychiatry.
IV. Infectious Diseases.
V. Anæsthesia.
VI. Pathological Anatomical Technique and methods of Post Mortem Examination and Diagnosis.
VII. Public Health Survey.

The Final Examinations in Medicine, Surgery and Obstetrics must all be passed at one time, but a student who fails in one of these subjects only may, at the discretion of the Faculty, be allowed a re-examination in that subject at the next regular examination period, provided that he shall have satisfactorily completed such additional work as may be prescribed by the Head of the Department concerned.

The Faculty reserves the right to require the withdrawal of any student at any time if, in the opinion of his instructors, he is incompetent.

At the end of the Spring Term, the Promotion Committee will consider the cases of all students who at the conclusion of their third term are reported by their instructors as having fallen below the grade of C and shall determine whether such students are to be allowed to continue, warned, required to repeat the course or courses, or to retire from the Faculty.

Note:—The "Required Courses," together with suitable "Elective Courses" in the second year, will qualify a candidate for the First (Primary) Examination for Fellowship in the Royal College of Surgeons of England and for the Primary Examination for Fellowship in the Royal College of Physicians and Surgeons of Canada.

C. GRADING

At the conclusion of each course, students will be graded in five groups, as follows:—

A = Excellent
B = Good
C = Fair
D = Doubtful
E = Failure

In reporting the grading, the names of those students who attain "A" standing shall be arranged in order of merit; in all other grades the arrangement shall be alphabetical.

The grade assigned to a student shall be based upon the result of the Final and Class Examinations, but the instructor will also take into account the record of the work done throughout the course.

The quality of the English used by a candidate will be taken into account in determining his standing in all examinations.

MEDALS, PRIZES, FELLOWSHIPS AND SCHOLARSHIPS

MEDALS

The Holmes Gold Medal, founded by the Medical Faculty in the year 1865, as a memorial of the late Andrew Holmes, Esq., M.D., LL.D., one time Dean of the Faculty of Medicine, is awarded to the student graduating with the highest aggregate number of marks in the different branches comprised in the medical curriculum.

The student who wins the Holmes Medal has the option of exchanging it for a bronze medal and the money equivalent of the gold medal.

The Wood Gold Medal, founded by Casey A. Wood, M.D., LL.D., awarded to the student graduating with the highest aggregate number of marks in the clinical examinations of the Final Year. The winner of the Holmes Medal is not permitted to compete for this medal.

The Sutherland Gold Medal, founded in 1878 by the late Mrs. Sutherland, in memory of her late husband, William Sutherland, M.D., formerly Professor of Chemistry in this Faculty, is awarded for the best examination in Bio-chemistry, together with a creditable examination in the primary branches.

The Lieutenant Governor's Silver Medal, to be awarded to the student of the final year, who in the opinion of the head of the Department of Public Health and Preventive Medicine, is most proficient in that subject.

The Lieutenant Governor's Bronze Medal, to be awarded to the student who obtains the highest standing in the Final Examination in Physiology.

PRIZES

The Joseph Hils Prize. (Founded by the late Dr. Joseph Hils, of Woonsocket, R.I.)—A prize in books, awarded to the student who obtains the highest number of marks in the subject of Pharmacology.

The Joseph Morley Drake Prize. (Founded by the late Joseph Morley Drake, M.D.).—A prize in books, to be awarded to the student who obtains the highest number of marks at the Final Examination in Pathology.

Primary Prize. A prize in books awarded for the best aggregate standing in the subjects of the first division (Anatomy, Histology, Physiology, Bichemistry).

The F. Slater Jackson Prize. An annual prize of $50.00, founded by Mr. and Mrs. H. F. Jackson in memory of their son, the late F. Slater Jackson, M.D. The prize is awarded on the result of a special examination, written and oral, in Histology and Embryology.

The Alexander D. Stewart Prize. An annual prize in books, founded by the late W. Grant Stewart (Arts 1885, Med. 1888) in memory of his brother, the late Alexander D. Stewart (Med. 1888), to be awarded to the member of the graduating class who, in the opinion of the Faculty, presents in every respect the highest qualifications to practise his profession.

FELLOWSHIPS

The A. A. Browne Memorial Fellowship.—The sum of $10,000 was received by the Faculty from the committee of the A. A. Browne Memorial Fund. With this sum a fellowship has been established, to be known as the "A. A. Browne Memorial Fellowship." This fellowship is open to graduates of any recognized Medical School and is for the advancement of medical science, special preference being given to the subjects of obstetrics and gynæcology.

The James Douglas Research Fellowship.—The sum of $25,000 was donated by the late Dr. James Douglas, the proceeds to be devoted to co-ordinated research in the laboratories of pathology in or associated with the University.

The James Cooper Fellowships for the Study of Internal Medicine.—This fund of $60,000 was donated in 1912 by the will of the late James Cooper of Montreal to promote study and research in Internal Medicine.

The John McCrae Fellowship.—A fellowship of approximately $600, founded in 1918 as a yearly donation by Mr. H. J. Fuller, of New York, in memory of the late Lt.-Col. John McCrae, for the purpose of scientific research in Experimental Surgery. Established as a permanent fellowship in 1920 by Mr. Fuller and the Canadian Fairbanks-Morse Company.

The John W. Flinn Research Fellowship.—In 1921, Dr. John W. Flinn, of Prescott, Arizona, gave the sum of $5,000, to be paid in five equal annual instalments of $1,000, this sum to be used for the assistance of medical research in tuberculosis.

The Clara Law Fellowship, founded in 1927 by Mrs. J. R. Fraser for the furtherance of research in the laboratory of the Department of Obstetrics and Gynæcology, is of the value of $1,200 per annum.

The Walter J. Hoare Memorial Scholarship.—A sum of $5,500.00 has been donated by the late Dr. Charles W. Hoare, a graduate of McGill University, for Scholarships in Medicine, in memory of his son, Walter J. Hoare, who was killed in the Great War. These Scholarships are open annually to pupils of the Collegiate Institutes of the counties of Essex, Kent and Lambton entering the Faculty of Medicine.

Three Scholarships for Canadian students. Donated in 1928 by C. W. Lindsay, Esq., A. B. Purvis, Esq., and one by an anonymous donor and friend of the Medical Faculty. These scholarships are valued at $400.00 each per annum, and extend over the five years of the course. The conditions pertaining to these scholarships may be had on application to the Dean or Secretary of the Faculty of Medicine. (None available for students entering in 1932–33).

The Dr. J. Francis Williams Fellowship in Medicine and Clinical Medicine of $500.00, founded by the late J. Francis Williams, M.D., to be awarded on the result of a special examination open to students of the final year, who have had a high general scholastic standing and who are approved by the heads of the Department of Medicine.

The Dr. J. H. B. Allan Scholarship of $300.00, founded by bequest of Mrs. Agnes W. Allan, wife of the late Dr. J. H. B. Allan, to be awarded to the graduate of this Faculty who shall present the best thesis written during his period of residency in one of the teaching hospitals connected with McGill University.

REQUIREMENTS FOR THE DEGREE OF M.D., C.M.

1. Every candidate for the degree of Doctor of Medicine and Master of Surgery in this University must be at least twenty-one years of age and of good moral character.

2. He must have fulfilled all of the requirements for entrance to the Faculty of Medicine and have attended courses of instruction for five full sessions of not less than eight months each in this University or in some other university, college or school of Medicine, approved by this University.

3. No one shall be permitted to become a candidate for the degree who shall not have attended at least one full session at this University.

4. Every candidate for the degree must have passed all of the required examinations in the subjects comprising the Medical course.

5. He must have attended during at least three sessions or nine terms the practice of the Royal Victoria Hospital or the Montreal General Hospital, or of some other hospital (with not fewer than one hundred beds) approved by this University; and must have acted as clinical clerk for six months in Medicine and six months in Surgery and have fully reported upon at least ten medical and ten surgical cases.

6. He must also have attended during two terms the practice of the Maternity Hospital or other lying-in hospital approved by the University, and have acted as assistant in at least twenty cases.

7. Every candidate must also have administered anæsthetics, under direction, at least six times, and have assisted at not less than six autopsies.

REQUIREMENTS FOR LICENCE TO PRACTISE

Intending students are reminded that a University degree in Medicine does not in itself confer the rights to practise the profession of medicine. In each Province of Canada and in each one of the United States the right of licensure is vested in a Licensing Body which has its special laws and requirements; in many cases a special standard of general education is insisted upon before *beginning* the study of medicine. One of the requirements in several provinces is that the entrance qualifications of the student must be registered with the provincial licensing body for five years before a licence to practise can be obtained.

N.B.—In order that disappointment and loss of time may be avoided, the University *requires students to register with the licensing body of their home province or state before beginning their medical course.*

Full information as to the requirements for registration in the various provinces may be obtained from the Registrars of the Provincial Medical Boards, as follows:—

QUEBEC—Dr. J. Gauvreau, 354 St. Catherine Street E., Montreal.

ONTARIO—Dr. H. Wilberforce Aikens, 170 University Avenue, Toronto, Ont.

NEW BRUNSWICK—Dr. S. H. McDonald, 56 Colborne Street, Saint John, N.B.

NOVA SCOTIA— Halifax, N.S.

PRINCE EDWARD ISLAND—Dr. H. D. Johnson, 51 Grafton St., Charlottetown, P.E.I.

MANITOBA—Dr. W. G. Campbell, 605 Medical Arts Building, Winnipeg, Man.

ALBERTA—Dr. George R. Johnston, Calgary, Alta.

SASKATCHEWAN—Dr. A. MacG. Young, Saskatoon, Sask.

BRITISH COLUMBIA—Dr. A. P. Proctor, Vancouver, B.C.

The Registrar for Newfoundland is Dr. T. Mitchell, St. John's, Nfld.

DOMINION REGISTRATION

In order to take the examination of the Medical Council of Canada a candidate must have the licence of a Canadian province, or he must present a certificate from the Registrar of a Provincial Medical Board that he holds qualifications accepted and approved of by the Medical Board of that province.

Full information may be obtained by writing to the Registrar, Dr. J. Fenton Argue, 180 Metcalfe Street, Ottawa, Ontario.

GENERAL COUNCIL OF MEDICAL EDUCATION AND REGISTRATION OF GREAT BRITAIN

The entrance requirements in Medicine of this University are accepted by the General Medical Council of Great Britain. Graduates of this University who desire to register in England are exempted from any examination in preliminary education on production of the McGill Matriculation certificate. Certificates of this University for attendance

on lectures, practical work and clinics are also accepted by the various examining boards in Great Britain. To obtain a licence from the General Council it is necessary to pass one of the examining boards of Great Britain in the final subjects.

Detailed information may be obtained from the Registrar, General Council of Medical Education and Registration, 44 Hallam Street, Portland Place, London, W.1, England.

COURSES OF INSTRUCTION

ANATOMY

THE ROBERT REFORD PROFESSOR:—S. E. WHITNALL
ASSOCIATE PROFESSOR:—J. BEATTIE
LECTURER:—H. E. MACDERMOT
SENIOR DEMONSTRATOR:—D. S. FORSTER
DEMONSTRATORS:—F. D. ACKMAN, E. H. CAYFORD, J. R. DEAN, H. M. ELDER, R. R. FITZGERALD, G. D. LITTLE, J. R. LOCHHEAD, R. M. H. POWER, H. G. PRETTY, W. W. RUDDICK, P. G. SILVER.

The Required Courses in Anatomy, are given in the first three terms of the Medical Course. In subsequent terms of the Second Year, opportunity is afforded through the Elective Courses for a complete revision in Anatomy together with choices of advanced work.

Required Courses

1. **Lecture Course in Gross Anatomy.**
Three hours weekly through the Autumn, Winter and Spring Terms.....Professors Whitnall and Beattie

Text-books:—Gray's "Anatomy" (English Edition); Whitnall's "Study of Anatomy."

Reference books:—Quain, Cunningham, Piersol, Keith's "Human Embryology and Morphology."

Recommended for Collateral Reading:—Keith's "Menders of the Maimed"; Hilton's "Rest and Pain."

2. **Laboratory Course in Gross Anatomy.**
Fifteen hours weekly during the Autumn and Winter Terms, and fourteen hours weekly during the Spring Term.
Professor Whitnall and Staff.

Practical Manual:—Walmsley.

3. **Tutorials:** Devoted mainly to the study of osteology and surface anatomy.
One hour weekly throughout the session.
Drs. MacDermot and Forster.

Text-books:—Gray's "Anatomy"; Thompson's "Surface Anatomy."

4. **Discussions:** Informal class discussions upon problems and difficulties. One hour a week throughout the session.....Dr. Beattie.

Elective Courses

5. **A Revision of the Whole Body by Dissection.** Time required, three afternoons a week.

6. **A Course of Study of the Special Sense Organs.** Two afternoons a week.

7. **Special Regions.** Two afternoons a week.
Professor Whitnall and Staff.

Additional Courses

8. **Ophthalmological Anatomy:** Mainly a laboratory course designed for graduates in Medicine who intend to specialize in Ophthalmology. By arrangement. Details on application.....Professor Whitnall.

9. **Oto-laryngological Anatomy:** A similar course. By arrangement. Details on application.....Professor Whitnall.

10. **Neurology:** A series of colloquia on recent work on the Nervous System. By arrangement.....Dr. Beattie

11. **Comparative Anatomy of the Primates:** Offered for students taking the Course in Biological Sciences in the Faculty of Arts and Science. The course is based upon and continues the work of general comparative anatomy and leads on to the study of human anatomy. Two lectures or colloquia and two hours of laboratory work per week during the year.....Dr. Beattie

HISTOLOGY AND EMBRYOLOGY

PROFESSOR:—J. C. SIMPSON
LECTURER IN HISTOLOGY AND EMBRYOLOGY:—H. E. RAWLINSON
LECTURERS IN HISTOLOGY:—D. J. BOWIE, W. M. FISK
LECTURER IN EMBRYOLOGY:—E. BURG
DEMONSTRATORS IN HISTOLOGY:—G. C. ANDERSON, J. R. DEAN
ASSISTANT DEMONSTRATORS IN EMBRYOLOGY:—N. W. PHILPOTT

Required Courses

1. **Histology and Embryology—Lecture Course.**
Two hours weekly during the Autumn, Winter and Spring Terms.
Professor Simpson and Dr. Rawlinson.
Text-books:—Jordan, Bailey, Lewis and Bremer.

2. **Histology and Embryology—Laboratory Work.**
Eight hours weekly during the Autumn, Winter and Spring Terms

3. **Organogenesis:** The development of the organs and systems of the human body.
One hour a week during the first half session and two hours during the second.....Professor Simpson
Reference books:—Jordan; Arey; Keith.

Elective Courses

4. **Advanced Histology:**
Laboratory course in histology and histological technique open to students who have completed Courses 1 and 2.
Three or more hours weekly throughout the Session.....Dr. Bowie

5. **Advanced Embryology:** Advanced work, including practical instruction in embryological technique.
Six hours a week throughout the session.....Dr. Rawlinson

PHYSIOLOGY

THE JOSEPH MORLEY DRAKE PROFESSOR:—JOHN TAIT

RESEARCH PROFESSOR:—BORIS P. BABKIN

ASSISTANT PROFESSOR:—N. GIBLIN

LECTURER:—S. DWORKIN

DEMONSTRATORS:—G. F. SUTHERLAND, D. A. ROSS

In this department special provision is made not only for undergraduate but also for graduate instruction. There are full courses in Physiology proper for all undergraduates. For graduate and for elective purposes other special courses are given.

Required Courses

1. **Introductory Course**—Lectures and Demonstrations.
In this course, which is comprehensive rather than detailed, the general principles of the subject are dealt with.
Three hours a week during the first half session, and two hours a week during the second half session.

2. **Intermediate Course**—Lectures, Demonstrations and Laboratory.
Three lectures, one demonstration and six hours laboratory work a week. Autumn Term.
The more detailed description of the nervous system and sense organs forms a part of this course. The accompanying laboratory course consists of experiments on surviving parts of the frog and on the human subject.
Laboratory manual:—Sharpey, Schäfer, "Experimental Physiology."

3. **Senior Course**—Lectures, Demonstrations and Mammalian Laboratory.
During these lectures the survey of the subject for undergraduate medical purposes is completed. The laboratory work accompanying the course involves a more advanced operative and instrumental technique.
Three lectures, one demonstration and six hours of laboratory work. Winter Term.
Laboratory manual:—Sherrington, "Mammalian Physiology."
Text-books:—Howell, Macleod, Starling.

Elective Courses

4. **Lectures on Selected Advanced Topics.**
Professors Babkin and Giblin
During each year a variety of subjects is handled. As these vary from year to year, the titles will be announced at the commencement of the Autumn Term. The lectures are held twice a week throughout the Graduate Faculty teaching session. For elective purposes special parts of the course may be separately attended.

5. **Tutorial Course.**
Dr. Dworkin, Dr. Sutherland, Mr. Ross
This course is for the discussion of physiological problems, and entrants are required to use the library in preparation for the meetings.
One hour a week Winter Term.
One hour a week Spring Term.

Courses only for Graduate Students.

6. **Lectures on Structure and Function**.....Professor Tait
7. **Advanced Laboratory.**
8. **Physiological Colloquium.**

PSYCHOLOGY

PROFESSOR OF ABNORMAL PSYCHOLOGY:—J. W. BRIDGES
ASSISTANT PROFESSOR OF ABNORMAL PSYCHOLOGY—
K. M. BANHAM BRIDGES

Elective Courses

1. **Normal and Abnormal Psychology.** Psychophysiological standpoint, the relation of abnormal to normal mental life and behaviour, the mechanism of behaviour and the physical basis of consciousness, theories of the unconscious, the motivation of behaviour, association and dissociation; imitation, suggestion, instinct, habit, emotion, memory, intelligence, character, temperament, and their abnormalities.
   Text-book:—Bridges, J. W., Psychology, Normal and Abnormal.
   Two lectures a week. Autumn Term.....Professor J. W. Bridges.
   The following are one term courses open to students in the Third, Fourth and Fifth Years and to graduates.

2. **Mental Measurements.** Intelligence tests, ratings of character and temperament, and other mental examination methods.
   The course will include practice in giving tests:
   This course is intended for students specializing in psychiatry.
   By arrangement.....Prof. J. W. Bridges

3. **Child Psychology.** Aspects of mental development, with special reference to the pre-school child. The course will include practical observations in the Montreal Foundling Hospital.
   This course is intended for students specializing in pediatrics.
   By arrangement..... Asst. Prof. K. M. B. Bridges

4. **Psychology in Industry.** The selection of employees, the worker's efficiency, and his adjustment to his task.
   This course is intended for students specializing in Industrial Medicine.
   By arrangement.....Prof. J. W. Bridges

BIOCHEMISTRY AND PATHOLOGICAL CHEMISTRY

PROFESSOR:—J. B. COLLIP

ASSISTANT PROFESSOR:—D. L. THOMSON

LECTURERS ON PATHOLOGICAL CHEMISTRY: E. H. MASON, I. M. RABINOWITCH

RESEARCH FELLOWS:— R. L. KUTZ, L. I. PUGSLEY, E. H. BENSLEY

In addition to the required courses of lectures and laboratory exercises, an elective course of lectures, conferences and laboratory work is offered in which one section of the general field is treated in greater detail. Both these courses are designed primarily for medical students, and are intended as an introduction to clinical chemistry and medicine. Advanced lectures on various topics are also given in the Department (see page 420), and undergraduates are permitted to attend these lectures.

Required Courses

1. Biochemistry—Lecture Course:

This course forms a general introduction to the subject and is divisible into four parts: first, a survey of the chemical nature and physicochemical properties of the foodstuffs and the constituents of living matter; second, an account of the transformations undergone by these substances in digestion and metabolism; third, the principles of the science of nutrition; fourth, an introduction to pathological chemistry.

Text-books:—Bodansky: "Introduction to Physiological Chemistry." Cameron: "A Text-book of Biochemistry."

Reference books:—Peters & van Slyke: "Quantitative Clinical Chemistry," Gortner; "Outlines of Biochemistry," Thomson: "The Life of the Cell," Lusk: "Science of Nutrition."

Monday, Wednesday and Friday at 9, during the Autumn and Winter terms.

1L. Biochemistry—Laboratory Course:

The exercises will deal with the practical side of the subjects treated in the lecture course, such as the chemical properties of the carbohydrates,

fats, and proteins, and the qualitative and quantitative analysis of blood, urine, and other body fluids for their most significant constituents, by volumetric and colorimetric methods. A synopsis of the course is issued by the Department.

Reference books:—Hawk & Bergeim, "Practical Physiological Chemistry." Folin, "Laboratory Manual of Biological Chemistry."

Eight hours a week. Monday, Wednesday and Friday mornings in the Autumn and Winter terms.

Elective Courses

2. Endocrinology and Metabolism—Lecture Course:

In this course a survey will be made of the ductless glands, the action of hormones on growth and reproduction and on the metabolism of various substances, in health and disease.

Reference books:—Pryde, "Recent Advances in Biochemistry"; Lovatt Evans, "Recent Advances in Physiology"; Parkes, "The Internal Secretions of the Ovary," in addition to those listed in Course 1.

Two hours a week—Monday and Friday at 2, in the Autumn and Winter terms.

2L. Endocrinology and Metabolism—Laboratory Course:

Laboratory experiments to illustrate the lecture course will be arranged, and analytical methods employed in studies of metabolism will be practised.

Up to six hours a week in the Winter and Spring terms.

PATHOLOGY

STRATHCONA PROFESSOR:—HORST OERTEL

ASSOCIATE PROFESSOR:—L. J. RHEA

ASSISTANT PROFESSOR:—T. R. WAUGH

LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

LECTURER:—J. E. PRITCHARD

LECTURER IN NEUROPATHOLOGY:—W. V. CONE

ASSISTANT DEMONSTRATORS:—
R. G. BOYD
G. C. JOHNSTON
R. D. BISSON
R. J. NELSON
C. M. GARDNER
T. E. ROY

CURATOR OF MUSEUM:—W. H. CHASE

NOTE: Students for the degree of Doctor of Medicine are advised to commence the study of Pathology at the beginning of their clinical instruction, i.e., in the Third Year, and pursue it in the following order:

First: General Pathology, with its laboratory course in general pathological anatomy and histology (Courses A1 and A2).

Second: Special Pathology (Course B1), including the special didactic courses on the diseases of the blood forming organs, the more important ductless glands, and of the nervous system (Courses B2, B3, B4), with the laboratory course in special pathological anatomy and histology (Course B5), and also to attend the demonstrative courses and practical exercises in pathological anatomical methods (Course B6).

It is desirable that students should continue to attend the demonstrative courses and practical exercises in pathological anatomy and choose from the electives throughout the rest of their study. Students may find it advantageous to refresh their minds during their later clinical years in certain parts of General and Special Pathology in which they are interested by returning to the didactic lectures in General and Special Pathology in addition to taking up some of the electives.

A study room has been set aside in the Pathological Institute more particularly for the students of Special Pathology and those under advanced clinical instruction, in which gross and microscopic material illustrative of topics discussed in the didactic lectures are weekly put on exhibition for personal study, at the student's leisure. Museum material may also be requisitioned. This room is open from 9 a.m. to 6 p.m. during the session, and demonstrators will be available for consultation.

Required Courses

I. DIDACTIC LECTURES.

A1. General Pathology and Pathological Anatomy.

Comprising (1) the philosophical and historic evolution of the conceptions of disease; (2) the general foundations and relations of morbid life in constitutional, physical and chemical environment and parasitism; (3) pathogenesis and the structural changes incident to it.

Two lectures (with epidiascope demonstrations) a week.

Autumn Term—Tuesday and Thursday, 4 p.m.

Winter and Spring Terms—Monday and Friday, 4 p.m.

Pathological Institute.....Professor Oertel

B1. Special Pathological Anatomy and Pathogenesis of the Circulatory, Respiratory, Digestive and Renal Systems.

One lecture with epidiascope demonstrations a week.

Autumn Term—Friday, 4 p.m.

Winter and Spring Terms—Wednesday, 4 p.m.

Pathological Institute.....Professor Oertel

B2. Diseases of the Blood Forming Organs.

One lecture a week. Autumn Term—Monday, 4 p.m.

Pathological Institute.....Professor Waugh

B3. Pathological Anatomy of the More Important Ductless Glands.

One lecture a week. Winter Term—Tuesday, 4 p.m.

Pathological Institute.....Dr. Chase

B4. Pathological Anatomy of the Nervous System.

One lecture a week. Spring Term—Tuesday, 4 p.m.

Pathological Institute.....Dr. Cone

II. Practical Courses.

A2. Laboratory Course in General Pathological Anatomy and Histology (including the methods of microscopic technique and diagnosis with practical exercises in the living animal, in fresh and in hardened tissues). Six hours weekly.

Winter and Spring Terms—Tuesday and Thursday, 2 p.m.

Pathological Institute.....Professor Oertel and Demonstrators

B5. Laboratory Course in Special Pathological Anatomy and Histology. Four hours weekly.

Winter and Spring Terms—Monday and Friday, 4 p.m.

Pathological Institute.

Professor Waugh, Dr. Chase, Dr. Cone and Demonstrators

B6. Demonstrative Course and Practical Exercises in Pathological Anatomical Methods and Diagnosis (including autopsy technique and references to medico-legal practice).

Autumn, Winter and Spring Terms—Saturday morning, 11–12.30.

Pathological Institute.....Professor Oertel

C1. Performance of Autopsies—Group Instruction.

Autumn, Winter and Spring Terms. Time according to material.
Pathological Institute.....Dr. Chase and Demonstrators
Montreal General Hospital.....Professor Rhea and Demonstrators

Elective Courses

B7. Special Pathological Anatomy of Bones.
Spring Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh

B8. Special Hæmatological Technique.
Lectures and demonstrations on the more important hæmatological methods of examining the blood.
Winter Term—Thursday, 4 p.m.
Pathological Institute.....Professor Waugh

C2. Methods of Post-Mortem Examination, (including the methods of anatomical description and protocoling). For advanced students and physicians preparing for medico-legal practice. Time to be arranged.
Pathological Institute.....Dr. Chase

C3. Demonstration and Discussion of Specimens Removed at Operation, (including microscopic diagnosis and interpretation). For advanced students.
Autumn, Winter and Spring Terms—Wednesday, 3 p.m.
Pathological Institute.....Professor Waugh

BACTERIOLOGY

PROFESSOR:—E. G. D. MURRAY
LECTURERS:—W. W. BEATTIE, F. SMITH
DEMONSTRATOR:—D. H. STARKEY

Required Courses

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

Course 1. Elementary Medical Bacteriology and Immunity.

Thirty lectures and 90 hours' practical work, and a weekly Tutorial Class. First Term.

Course 2. Bacteriology and Immunity for Honours B.Sc. (daily throughout the year; available only for Honours students in their Fourth year).

A. General Bacteriology—Thirty-five lectures and 175 hours practical work.

B. Systematic Bacteriology—Sixty-five lectures and 325 hours practical work.

C. Immunology—Fifty lectures and 250 hours practical work.

(Full details of the courses can be obtained by application to the Registrar.)

CURRICULUM FOR B.Sc. HONOURS IN BACTERIOLOGY

Prerequisite:—An aggregate standing of high second class must be obtained in the subjects submitted for the First Year.

The Head of the Department should be consulted in selecting subjects to be studied in the Second and Third Years. The following subjects are suggested as suitable for the average student.

Second Year—General Zoology; Organic Chemistry; Histology; Elementary Physical Chemistry; Elementary Physiology; Colloid Chemistry.

Third Year—Biochemistry; Physiology; Elementary Medical Bacteriology; General Physiology (Dr. Scarth). In addition Pharmacology and Comparative Anatomy of Vertebrates are optional.

Fourth Year—Bacteriology Course 2.

Students of Medicine who have done sufficiently well in their Medical Bacteriology and in their Medical studies in general will be admitted to Course 2, Section C.

PUBLIC HEALTH AND PREVENTIVE MEDICINE

PROFESSOR AND DIRECTOR:—A. GRANT FLEMING
STRATHCONA PROFESSOR OF HYGIENE:—T. A. STARKEY
ASSISTANT PROFESSOR:—R. ST. J. MACDONALD
ASSISTANT PROFESSOR OF MENTAL HYGIENE:—W. T. B. MITCHELL
ASSISTANT PROFESSOR OF INDUSTRIAL HYGIENE:—FRANK G. PEDLEY
LECTURER IN MENTAL HYGIENE:—C. M. HINCKS
DEMONSTRATOR IN MENTAL HYGIENE:—BARUCH SILVERMAN
DEMONSTRATOR IN INDUSTRIAL HYGIENE:—R. VANCE WARD

The instruction in Public Health and Preventive Medicine given to the medical undergraduates is designed to meet the requirements of the practitioner in Medicine.

In order that the importance of Public Health and Preventive Medicine may be kept before the student, short courses are given in the First and Second Years. These courses are of an introductory nature and, from a historical background, develop the needs and opportunities for preventive medicine and its social implications.

The Department aims to correlate the teaching of the preventive aspects of medicine with the teaching of other departments in their special field. In addition, those phases of the subject that are not included elsewhere are covered, such as water, milk and food supplies, public health administration, hygiene of the school child, industrial hygiene and mental hygiene.

The course in Mental Hygiene, included in the teaching of the Department of Public Health and Preventive Medicine, attempts to give the student an understanding of what is possible and of what is being done in the way of preventing nervous and mental diseases, delinquency and crime, and social failure. This implies a knowledge of what is normal in the way of behaviour responses at the different stages of the individual development; of how we may recognize and deal with significant deviations from the average response; the factors underlying individual success and failure; the place and the means of introducing mental health principles into home, school, social and industrial situations.

The hygiene of the child of school age includes, for consideration, the chief points of a school health service, its scope, and the duties of the School Medical Officer, a post frequently undertaken by the general practitioner.

Industrial Hygiene deals with the application of the principles of preventive medicine to industry. The various factors which influence the health of work people are discussed, and the means which may be taken to supervise their health and safety are considered.

In the Third Year, visits of inspection are made to plants selected to illustrate the general principles of water purification, and the modern dairy plant, including pasteurization.

A brief course in Applied Public Health Bacteriology is given to familiarize the student with the facilities available, the method of taking specimens, the methods of examination and the interpretation of laboratory reports on water, milk, sputum, nose and throat swabs.

A health study of the student's home town, or some other place acceptable to the Department, is required before the beginning of the Fifth Year. This study requires individual field work by each student.

Required Courses

1. **Introduction to Public Health and Preventive Medicine.**
   Spring term—Monday, 4 p.m.
   Professors Fleming, Macdonald and Mitchell.

2. **Public Health Organization and Administration.** (Including related community services.)
   Spring term—Wednesday, 9 a.m.
   Professors Fleming and Dawson and Dr. Silverman

3. **Mental Hygiene.**
   Autumn term—Tuesday, 3 p.m.....Professor Mitchell

4. **Practice of Preventive Medicine.**
   Spring term—Monday and Friday, 3 p.m.; Wednesday, 2 p.m.
   Professors Fleming, Starkey, Macdonald and Pedley

5. **Field Visits, Demonstrations and Applied Public Health Bacteriology.**
   Spring term—Wednesday, 3 p.m.

6. **Communicable Disease Control.**
   Autumn term—Thursday, 4 p.m. Professors Fleming and Macdonald.

7. **Health Study of a City or Town.**
   To be submitted during the month of October of the final year. The student is later required to review this study with a member of the staff.

Text-books and Reference books:—

The General Field:—Parkes and Kenwood; Rosenau; Park; Fitzgerald.

Industrial Hygiene:—The Health of the Industrial Worker, Collis and Greenwood; Industrial Health, Hayhurst, Emery and Kober; Industrial Poisons in the United States, Hamilton.

Mental Hygiene:—The Mental Hygiene of Childhood, White.

School Hygiene:—The Fundamentals of School Health, Kerr.

PHARMACOLOGY AND THERAPEUTICS

PROFESSOR:—R. L. STEHLE

ASSOCIATE PROFESSOR OF THERAPEUTICS:—D. S. LEWIS

LECTURERS IN PHARMACOLOGY:—K. I. MELVILLE, H. SCHROEDER

LECTURER IN THERAPEUTICS:—D. GRANT CAMPBELL

LECTURER IN ANÆSTHESIA:—WESLEY BOURNE

LECTURER IN PHYSIO-THERAPY:—F. W. HARVEY, NORMAN BROWN

DEMONSTRATORS IN PHARMACOLOGY:—J. B. ROSS, W. DEM. SCRIVER, B. RAGINSKY

PHARMACOLOGY

The object of the course in pharmacology is to elucidate, as far as knowledge permits, the action of drugs, and thereby lay a sound foundation for drug therapy.

Required Courses

1. **Pharmacology.** The action of drugs is considered on the basis of information derived by means of experimental methods and careful clinical observation. The chemistry of the drugs studied is emphasized in order that the student may have a good foundation upon which to follow future developments of the subject intelligently.

   Three lectures a week during the Spring Term supplemented by one conference and one demonstration a week.

   The conference groups are limited to four students each.

   Drs. Stehle and Melville

2. **Pharmacological Laboratory.** The experiments are chosen to illustrate the lectures of the preceding course.

   Two periods (six hours) a week during the Spring Term.

   Drs. Stehle and Melville

THERAPEUTICS

The teaching of therapeutics will be closely linked with that of medicine. Courses 3, 3a, 4 and 5 are intended primarily for the fourth year and should be completed before registration for Course 6.

Required Courses

3. **Therapeutics:** Didactic Instruction. A series of approximately 15 lectures on the principles of therapeutics and on the treatment of various diseases for which clinical material is not readily available. These lectures will be given during the Spring Term.

3a. **Therapeutics:** Theatre Lectures. Ten to fifteen clinical lectures to be given in the hospitals during the year in conjunction with the teaching of the Department of Medicine.

Dr. Lewis and Associates

4. **Pharmacy and Prescription Writing.** Five lectures and five laboratory periods during the Autumn term.

Dr. Scriver

5. **Physio-Therapy.** Three lectures and three periods of group instruction at times to be arranged.

Drs. Lewis, Brown and Harvey

6. **Clinical Therapeutics.** One ward class each week for ten weeks at the Royal Victoria and Montreal General Hospitals in the Autumn, Winter and Spring Terms.

Dr. Lewis and Dr. Campbell

Elective Courses

7. **Physio-Therapy (Practical):** A course of lectures and demonstrations dealing more fully with the application of physical methods to the treatment of disease.

Drs. Brown and Harvey

8. **Therapeutics:** A series of from five to ten lectures on certain special aspects of medical treatment will be offered if a sufficient number apply. These lectures will be given by those having special interest in the various topics, and will be open to students and graduates.

Text-books in Pharmacology. Cushny, Sollman, Poulsson, Meyer and Gottlieb.

Options

Suitably prepared persons may undertake research at any time.

Advanced courses leading to the degrees of M.Sc. or Ph.D. will be arranged to suit individual cases. See page 457.

MEDICINE

PROFESSOR AND DIRECTOR OF THE DEPARTMENT:—JONATHAN C. MEAKINS

PROFESSORS—CAMPBELL PALMER HOWARD, W. F. HAMILTON, C. F. MARTIN

ASSOCIATE PROFESSOR:—A. H. GORDON

ASSISTANT PROFESSOR OF MEDICAL RESEARCH:—MAUDE E. ABBOTT

ASSISTANT PROFESSORS:—E. H. MASON, C. A. PETERS, I. M. RABINOWITCH

LECTURERS:—J. G. BROWNE, D. G. CAMPBELL, J. KAUFMANN, D. S. LEWIS, A. H. MACCORDICK, C. F. MOFFATT

LECTURER (TUBERCULOSIS):—J. R. BYERS

LECTURER (RADIOLOGY):—E. C. BROOKS

DEMONSTRATORS:—C. C. BIRCHARD, C. R. BOURNE, G. R. BROW, KEITH GORDON, R. H. M. HARDISTY, A. T. HENDERSON, C. R. JOYCE, H. E. MACDERMOT, J. F. MACIVER, D. W. MCKECHNIE, J. L. D. MASON, D. L. MENDEL, E. S. MILLS, LORNE MONTGOMERY, E. V. MURPHY, E. E. ROBBINS, J. B. ROSS, W. DE M. SCRIVER, COLIN SUTHERLAND, J. J. WALKER, J. C. WICKHAM

ASSISTANT DEMONSTRATORS:—W. W. ALEXANDER, W. C. GOWDEY, H. N. SEGALL, C. J. TIDMARSH, W. W. EAKIN, N. FEENEY, C. W. FULLERTON

RESEARCH FELLOW:—R. V. CHRISTIE

PAEDIATRICS

CLINICAL PROFESSOR:—H. B. CUSHING

LECTURERS:—A. B. CHANDLER, A. GOLDBLOOM, L. LINDSAY, S. GRAHAM ROSS, R. R. STRUTHERS, H. P. WRIGHT

DEMONSTRATORS:—W. E. ENRIGHT, JESSIE BOYD SCRIVER, R. C. STEWART, W. E. WILLIAMS

ASSISTANT DEMONSTRATOR:—A. K. GEDDES

PSYCHIATRY

CLINICAL PROFESSOR:—C. A. PORTEOUS

ASSISTANT PROFESSOR:—DAVID SLIGHT

DEMONSTRATORS:—B. SILVERMAN, E. C. MENZIES

DERMATOLOGY

CLINICAL PROFESSORS:—P. BURNETT, J. F. BURGESS

LECTURER:—A. A. BRUÈRE

DEMONSTRATORS:—C. R. BOURNE, L. P. EREAUX

ASSISTANT DEMONSTRATOR:—B. USHER

Foreword on the Courses in Medicine. The object of the following courses is to impart a sound knowledge of the principles of general medicine in the diagnosis and treatment of disease; to afford a knowledge of the technique and, above all, so to train the student that he will be enabled to cultivate the faculty of critical judgment. The mere instruction, of itself, is regarded as but a part of the course, while the personal contact of students and patients throughout the final years is of prime importance.

The close correlation of physiology, anatomy, and biochemistry with clinical medicine is emphasized—not only in the pre-clinical years, but later in hospital and laboratory—thus affording students a modern scientific medical training.

Unusual facilities are afforded by the establishment of a modern medical clinic at the Royal Victoria Hospital. In this institution and at the Montreal General Hospital there are extensive laboratories for

the study of disease in all its phases. Excellent clinical facilities are afforded at both these hospitals, as well as by affiliation with other institutions.

The courses in internal medicine and its various branches are so arranged as to give the individual student as much independence as possible in his selection of his instructors and time and place of his required and elective courses. The University lectures and clinical lectures are open to students of all years. The student, therefore, may within wide limits determine the period and scope of his instruction. The final examinations may cover any portion of the realm of internal medicine and its various branches of which the examiners may deem it proper that a graduating student should be cognizant.

Required Courses

1. A course of University lectures on Pathological Physiology and general medicine will be given in the autumn, winter, and spring terms, on Monday, Wednesday and Friday mornings, from 9 to 10 o'clock. This course of lectures will cover the field of medicine and will be delivered at the University Medical Building, by Professors Meakins, Howard, and Assistants.

1a. Courses of lectures will be given in Pædiatrics, Psychiatry and Therapeutics on two afternoons a week during the autumn, winter and spring terms.

2. Clinical lectures in general medicine. A course of clinical lectures will be delivered throughout the autumn, winter, and spring terms, on two days a week. The exact hour in the different institutions will be announced from time to time. These clinical lectures will be given in the Royal Victoria Hospital and the Montreal General Hospital, by Professors Meakins, Howard, Hamilton, Gordon, and Assistants.

3. Clinical lectures in pædiatrics. A course of clinical lectures will be delivered in pædiatrics during the autumn, winter, and spring terms, on one day each week, at the Children's Memorial Hospital, by Professor Cushing and Assistants.

4. A course in the technique of physical examination and normal physical signs will be given in the autumn term, two periods a week, from 10.15 to 11.45 a.m., with one clinical lecture per week as a review. This course will be given to groups of students at the Royal Victoria Hospital and the Montreal General Hospital.

5. This course will cover physical examination and abnormal physical signs, the methods of history-taking, and systematic description of the various systems in a logical order. Its objective will be to prepare students for subsequent clinical and bedside work. It will be given in the winter and spring terms, four periods a week of two hours each, from 10.15 to

12.15, to groups of students, at the Royal Victoria Hospital and the Montreal General Hospital.

6. A course in clinical microscopy will be given in the winter term only. There will be two laboratory periods a week, from 2 to 4 p.m., on Mondays and Fridays, in the Pathological Institute. This course will be organized so as to give instruction and practice in microscopy as applied to clinical medicine.

Doctors Kaufmann, MacCordick and Assistants

7. A course in clinical medicine with case reporting and bedside clinics will be given in the autumn, winter and spring terms, to groups of students at the Royal Victoria Hospital and Montreal General Hospital. Each course will occupy five days a week from 9.00 a.m. to 3.45 p.m.

Professors Meakins, Gordon, Peters, and Assistants

8. A clinical course in pædiatrics will be given during the autumn, winter, and spring terms. This course will have the following divisions:

(a) Diseases of the New-Born—Royal Victoria Montreal Maternity Pavilion.

(b) Normal Infant-Feeding and Development—Montreal Foundling Hospital.

(c) General Pædiatrics—Children's Memorial Hospital, Royal Victoria Hospital, and Montreal General Hospital.

(d) A Series of demonstrations to groups of students on the ordinary acute infectious diseases will be given at the Alexandra Hospital.

Professor Cushing and Assistants

This course in its divisions will be given to groups of students.

9. A course in clinical therapeutics will be given in the autumn, winter, and spring terms, of one period a week, one and one-half hour's duration, at the Royal Victoria Hospital and the Montreal General Hospital, by Professor Lewis and Dr. D. Grant Campbell.

10. In the student's final year he becomes virtually a member of the Externe Staff of the teaching hospitals. He may elect to be allotted to the various services in the hospital in the capacity of clinical clerk, participating in the keeping of records, diagnosis and treatment of patients in the wards and Out-Patient Department, and the laboratory duties. He will accompany the physicians in their daily rounds, attend autopsies and report on them to his teachers.

Elective Courses

Elective courses for advanced work are offered in the following subjects: Neurology, psychiatry, dermatology, clinical pathology, cardiology, hæmatology, diseases of the lungs, gastro-intestinal diseases, et cetera. The details of these elective courses will be announced at the beginning of each session.

It will be necessary for each student, in addition to taking the required courses, to choose a certain number of elective courses, the number chosen depending upon which elective courses are taken.

Text and Reference Books

General Medicine:—McLeod, "Physiology and Biochemistry in Modern Medicine"; Lewis, "Clinical Electrocardiography" and "Clinical Disorders of the Heart"; Meakins and Davies, "Respiratory Function in Disease;" Todd, "Clinical Methods"; Flint, "Physical Diagnosis"; Cabot, "Physical Diagnosis"; Thompson, "Elements of Surface Anatomy"; Lusk, "Science of Nutrition"; McLester, "Nutrition and Diet in Health and Disease"; Krehl, "Basis of Clinical Symptoms"; Osler's "Practice of Medicine"; Taylor's "Practice of Medicine"; Nelson's "Loose-Leaf System of Medicine"; Oxford, "Loose-Leaf System of Medicine"; Dieulafoy, "The Text-book of Medicine"; Strumpell, "Text-book of Medicine for Students and Practitioners"; Mackenzie, "Diseases of the Heart"; Purves Stewart, "Diagnosis of Nervous Diseases"; Bassler, "Diseases of the Stomach and Intestines"; Pharneo, "Teaching Hospitals."

Pædiatrics:—Holt and Howland; Dennet; Feer, Still; Porter and Carter; Morse and Talbot; Alan Brown.

Psychiatry:—White, "Outlines of Psychiatry; Kraeplin, "Clinical Psychiatry"; Wimmes Hoisholt, "Psychiatric Neurological Examination Methods"; Jeliffe and White (1923 Ed.), "Diseases of the Nervous System."

Dermatology:—Stellwagon; Walker's Introduction to Dermatology; Hartzell; McLeod; Darier; Campbell; Shamberg; Sutton.

HISTORY OF MEDICINE

PROFESSOR:—SIR ANDREW MACPHAIL

A course of fifteen lectures will be given upon the History of Medicine to inform undergraduates in the Faculty upon the progress of the science. It is the intention to examine the causes which produced the varying conceptions of medicine in times past, rather than burden the student with a narration of facts and a recital of biographies.

NEUROLOGY AND NEUROSURGERY

PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—
WILDER PENFIELD

CLINICAL PROFESSORS OF NEUROLOGY:—COLIN RUSSEL, F. H. MACKAY

ASSISTANT PROFESSOR OF NEUROLOGY AND NEUROSURGERY:—
WILLIAM CONE

LECTURERS IN NEUROLOGY:—J. N. PETERSEN, A. W. YOUNG, N. VINER

ASSISTANT DEMONSTRATOR IN NEUROSURGERY:—A. R. ELVIDGE

ASSISTANT DEMONSTRATOR IN NEUROPATHOLOGY:—E. L. GAGE

RESEARCH FELLOWS IN NEUROLOGY AND NEUROSURGERY: G. PHILLIPS, G. STRAVAKY, T. GRANT, J KIRSCHMAN, A. TORKILDSEN

The Department of Neurology and Neurosurgery will co-operate intimately with the Departments of Medicine and Surgery, both as regards the teaching programme and the clinical work at the hospitals.

SURGERY

PROFESSOR AND DIRECTOR OF THE DEPARTMENT:—
E. W. ARCHIBALD

PROFESSORS:—A. T. BAZIN, E. M. EBERTS

ASSISTANT PROFESSORS:—W. L. BARLOW, C. B. KEENAN, C. K. P. HENRY, F. A. C. SCRIMGER

LECTURERS:—F. B. GURD, F. E. MCKENTY, F. J. TEES

LECTURER IN ANÆSTHESIA:—W. B. HOWELL

LECTURER IN RADIOLOGY:—W. L. RITCHIE

DEMONSTRATORS:—JOHN ARMOUR, E. B. CHANDLER, GUY JOHNSON, R. R. FITZGERALD, L. H. MCKIM, G. GAVIN MILLER, DUDLEY ROSS, A. STEWART, A. L. WILKIE

DEMONSTRATORS IN ANÆSTHESIA:—J. W. ARMSTRONG, C. C. STEWART

ASSISTANT DEMONSTRATORS:—HOWARD DAWSON, H. M. ELDER, G. A. FLEET, MARK KAUFMANN, C. A. MACINTOSH, ALBERT ROSS, P. G. SILVER

UROLOGY

CLINICAL PROFESSORS:—{D. W. MACKENZIE, F. S. PATCH

LECTURER:—R. E. POWELL

DEMONSTRATOR:—M. SENG

ORTHOPAEDIC SURGERY

CLINICAL PROFESSORS:—{W. G. TURNER, J. A. NUTTER

LECTURER:—W. J. PATTERSON

DEMONSTRATOR:—N. T. WILLIAMSON

Foreword on the Courses in Surgery. Instruction in Surgery (and in the surgical specialties) is imparted in the form of didactic lectures, theatre clinics, ward and out-patient teaching.

The *didactic* lectures, which cover a period of two years (120 lectures) are not designed to cover the whole field of general and special surgery, but rather to present a few selected subjects thoroughly. Surgery as a whole must be studied in the recommended test books. The early lectures of this course, being introductory, are offered particularly to students who are beginning their clinical work (7th term). They deal with the fundamental principles of inflammation, wound healing, new growths and congenital abnormalities.

The *theatre clinics* in both hospitals will demonstrate, in so far as is possible, the whole field of general surgery and the surgical specialties. In the earlier terms instruction will be given in the commoner ailments of general surgery, while during the later periods the special subjects of orthopædics, genito-urinary-surgery, neuro-surgery and thoracic surgery will be given a due proportion of the time.

In the *wards and out-patient departments*, instruction can be given to smaller groups. In these classes one may more readily differentiate elementary instruction from that given to more advanced students. In other words, to the junior group are taught the principles of careful history taking, of physical examination and of accurate observation.

Later comes instruction in minor surgery, the dressing of wounds, bandaging and the application of splints—while to the advanced students is demonstrated major surgery from selected cases in the wards and operating theatre. Such advanced students are given patients in rotation

and become ward dressers. The specific duty is laid upon them of recording the case histories, making all necessary examinations and laboratory tests, and of assisting at operations. Group teaching at the bed-side, and ward rounds are added to their training, and they are given all the privileges of an externe of the surgical service.

Required Courses

1. Didactic Lectures.

Three times weekly for the first two terms; 9–10 a.m., in the Medical School.....Professor Archibald and Staff

2. Theatre Clinics.

Twice weekly throughout the session, 12.30 p.m., at both general hospitals. These clinics are open to all students from the seventh terms onwards.....Professors Archibald and Bazin and Staff.

3. Ward and Out-Patient Instruction.

Four times weekly, 10.30 a.m. to 12 noon, in groups to be arranged in both general hospitals.

Independent ward work can be done by those to whom cases are allotted at any time during the day excepting the meal and visiting hours.

4. Surgical Specialties.

The surgical specialties are taught in the later periods—to some extend in didactic lectures and theatre clinics—but chiefly in the wards and out-patient departments.

5. Anæsthesia.

Didactic lectures and laboratory demonstrations of anæthesia are given by the Department of Pharmacology and Therapeutics to the students of the earlier clinical years, while practical instruction in the administration of anæsthetics is given in the hospital to the more advanced students. Every student is obliged to furnish a certificate of having given at least six anæsthetics under supervision.

Elective Courses

The following Elective Courses will be given at the Royal Victoria Hospital, while those to be given at the Montreal General Hospital will be announced later:

1. **Surgical Pathology.**

A lecture-demonstration course upon specimens from the operating-room and from the Pathological Museum in co-operation with the Pathological Department—cf. Department of Pathology, Course C3—Wednesdays, 3 p.m.....Professor Waugh and Dr. Wilkie.

2. **Neurological Examination, Diagnosis and Treatment of Skull Injuries.**

Once a week for six weeks during each term.....Dr. Cone.

3. **Diagnosis and Surgical Treatment of Pulmonary and Pleural Diseases.**

Once a week during the autumn and winter terms.
Drs. Archibald and Bethune.

4. **Applied Anatomy in Surgical Cases.**

Once a week.....Dr. Armour.

Text-books:—

1. *General Surgery:* Choyce, C. C., "A System of Surgery"; Thomson and Miles, "Manual of Surgery"; Gask and Wilson, "Surgery"; Hamilton Bailey, "Demonstrations of Physical Signs in Clinical Surgery"; John Homans, M.D., "A Text-book of Surgery."

2. *Emergency Surgery:* Sluss, John W., "Manual of Emergency Surgery."

3. *Surgical Anatomy:* Treves' "Surgical Applied Anatomy."

4. *Fractures:* Scudder. Charles L., "Treatment of Fractures"; Wilson and Cochrane, "Fractures and Dislocations."

5. *Case Reporting:* White, J. Renfrew, "The Clinical Examination of Surgical Cases."

6. *Urology:* Keyes' Urology, Mackenzie.

Collateral Reading: Lewis' System of Surgery, vols. 8-9; Eisendrath and Rolnick, Urology; Young, Urology; Stokes, Modern Clinical Syphilogy.

7. *Orthopædic Surgery:* Whitman's "Orthopædic Surgery"; Fraser, "Tuberculosis of Bones and Joints of Children"; Tubby and Jones, "Surgery of Paralysis"; Jones, "Orthopædic Surgery of Injuries"; Jones and Lovett, "Orthopædic Surgery."

OBSTETRICS AND GYNAECOLOGY

PROFESSOR AND CHAIRMAN:—J. R. FRASER

PROFESSOR:—H. M. LITTLE

CLINICAL PROFESSORS:—H. C. BURGESS, J. W. DUNCAN, J. R. GOODALL

LECTURER:—W. A. G. BAULD

DEMONSTRATORS:—A. D. CAMPBELL, DOUGLAS GURD, G. C. MELHADO, IVAN PATRICK, ELEANOR PERCIVAL

FELLOW IN GYNÆCOLOGY—E. BURG

CLARA LAW FELLOW AND DEMONSTRATOR:—P. J. KEARNS

ASSISTANT DEMONSTRATORS:—STEWART HENRY, N. W. PHILPOTT, C. V. WARD

OBSTETRICS

Required Courses

1. An introductory course of thirty lectures on the fundamental principles of the subject dealing with the Anatomy, Embryology, Physiology and Pathology of the Pelvic Organs.
The Medical School. Three times a week—Spring Term.
Professor Fraser.

2. **Clinical instruction** during the year in the Royal Victoria Montreal Maternity Pavilion, including the conduct of labor and the puerperium in case room and wards, together with ante-natal care in the out-patient department.
Autumn, Winter and Spring Terms.

3. **Special courses in obstetrical palpation** and on the mannikin daily throughout the session with the aid of models, diagrams and lantern slides. Autumn, Winter and Spring Terms.

4. **Clinical conference** once weekly in the theatre throughout the year for the entire class, where living cases are presented illustrating the more important obstetrical conditions.
Autumn, Winter and Spring Terms.

5. **Group Instruction.** The teaching in the final year is conducted entirely by senior teachers.
Small groups of students are instructed in the Wards, Case Rooms and Out-patient Department in methods of examination, problems of delivery and the principles of treatment.

6. **Lecture Demonstrations** in the theatre are held daily during each term on the following subjects:—

A. Dystocia.....Professor Little.
B. Hæmorrhages of Pregnancy. Labor and the Peurperium.
Professor Burgess.
C. Toxæmia of Pregnancy.....Professor Duncan.
D. Peurperal Infection.....Professor Goodall.

Note: Rooms are provided in the new pavilion where the students may reside, in groups of six, for a period of two weeks. During his period of interneship the student will under supervision deliver patients both in hospital and at their homes, and will undertake the medical care of mother and child during the puerperium.

GYNAECOLOGY

1. Theatre clinics and bed-side instruction in the Royal Victoria and Montreal General Hospitals....Professors Fraser, Little and Staff.
2. A special course on Gynæcological Pathology....Dr. P. J. Kearns.
3. Methods of Gynæcological examination, diagnosis and treatment in the outdoor departments.
4. A special course of instruction, once a week, throughout the year in the cancer clinic on methods of diagnosis and treatment of cancer, dealing especially with Radium and X-Ray.....Dr. Bauld and Staff.

OPHTHALMOLOGY

PROFESSOR:—W. GORDON M. BYERS

CLINICAL PROFESSORS:—G. H. MATHEWSON, S. H. MCKEE, F. T. TOOKE

DEMONSTRATORS:—A. G. MCAULEY, J. A. MACMILLAN

ASSISTANT DEMONSTRATORS:—A. BRAMLEY-MOORE, S. O. MCMURTRY, STUART RAMSEY, J. ROSENBAUM

The undergraduate work in Ophthalmology, which is designed to meet the needs of a well-trained general practitioner, embraces the following courses:—

1. **Routine examination of the eye.**

In this work the class in small groups is drilled in the various tests in the routine examination of the eye, every effort being made to demonstrate methods which, though simple, are adequate and call for the minimum outlay for equipment. Instruction in the use of the ophthalmoscope and familiarization with the appearance of the normal fundus of the eye are an important feature of this preliminary course.

Five hours.

Professor Byers Tooke, McKee and members of the Staff.

2. **Lecture demonstrations.**

This course, variously illustrated, covers the general principles and the systematic side of the subject. It has been designed to furnish a background of essential concepts for the clinical work of the Fifth Year.

Ten hours.....Professor Byers.

3. **Clinical Ophthalmology.**

In the Final Year, the entire available time is devoted to an intensive study of the ocular problems that are of greatest moment in general practice—the external diseases of the eye, and the main ophthalmoscopic findings in systemic disorders and affections of the nervous system; with practical lessons in ophthalmic nursing and first aid. This work is conducted in the ophthalmic clinics and wards of the Montreal General and Royal Victoria Hospitals.

Professors Byers and Mathewson and Staff.

Text-books:—Parsons, May, Swanzy, De Schweinitz, Fuchs.

OTO-LARYNGOLOGY

PROFESSOR:—HAMILTON WHITE

LECTURERS:—G. E. HODGE, J. T. ROGERS, D. H. BALLON

DEMONSTRATORS:—K. O. HUTCHISON, W. J. MCNALLY, B. F. MACNAUGHTON, J. E. TREMBLE, P. WRIGHT

ASSISTANT DEMONSTRATOR:—A. E. LUNDON

The course of instruction in Oto-Laryngology is carried on in the wards and out-patient departments of both the Montreal General and the Royal Victoria Hospitals, where, owing to the large clinics, the students are afforded ample opportunity of receiving practical instruction in these subjects. In these two hospitals there are about fifty beds set apart for this specialty.

The courses are designed to afford the student the opportunity of acquiring the oto-laryngological knowledge required by every general practitioner. The practical work is conducted in small groups, so that the personal instruction and supervision, so essential in this subject, are given to each student.

1. **Introductory Course.**

Group instruction in:—(a) The normal anatomy of the ear, nose and throat, as exemplified in moist dissections, dried specimens, models, stereoscopic plates and radiograms of normal conditions of the accessory sinuses of the nose and mastoid process; (b) the methods of using the various instruments for examining the ear, nose and throat; (c) the usual tests for hearing; (d) the recognition of normal conditions of these special organs, as exemplified by clinical material.....Professor White and Staff.

2. **Lecture Course.**

Ten lectures upon the more common pathological conditions of the ear, nose and throat met with in general practice.

Professor White.

3. **Clinical Oto-Laryngology.**

A course of clinical instruction in the out-patient departments and wards of the hospitals.....Professor White and Staff.

Text-books:—Chevalier Jackson and Coates; St. Clair Thomson; Logan-Turner; H. Tilley; Kerrison; Phillips; Barnhill.

GRADUATE INSTRUCTION

1. Any graduate who so desires may attend any of the regular undergraduate courses. This opportunity frequently appeals to many of our graduates, who find in this plan a means of bringing their knowledge of medicine up to date.

2. **Special graduate work** is offered in every department, both in the laboratories and in the clinics, at any period during the year, provided the graduate is willing to assign himself for serious work to one service. Application for this privilege should be made to the Dean or to the Head of the Department in which the graduate desires to occupy himself.

Vide under heading of "Departments of Physiology, Pathology, Anatomy, Hygiene, etc."

3. **Course for Diploma of Public Health:** This course is specially designed as a thorough training for medical men undertaking the duties of a Medical Officer of Health.

The duration of the course is at least eight months (October 1st to May 31st.)

The curriculum is as follows:—

(a) A course of lectures dealing in a comprehensive manner with the general principles of public health and preventive medicine.

(b) Bacteriology—a full practical course in general bacteriology, with special application to public health.

(c) (1) *Sanitary Chemistry.* Examination of air, water and water supplies in general, the commoner foods and beverages, sewage and sewage effluents, etc.; chemical investigations connected with trades and occupations; (2) *Physics.* General principles only in their application to hygiene.

(d) Practical public health work. An extended course under a M.O.H., affording facilities for instruction in public health relating to housing, factories, work-shops and industrial establishments, schools, waterworks, sewage plants, refuse distribution, abattoirs, dairies and milk stations, welfare centres, etc., etc.

(e) Public health legislation and administration. Statutes and by-laws relating to public health and the powers of health authorities; administration of the office of a Medical Officer of Health.

(f) Vital statistics. Calculation and tabulations of returns of births, marriages and deaths and diseases.

(g) Meteorology and climatology; geographical and topographical distribution of disease.

Candidates for this diploma may claim exemption in any of the above subjects on presentation of adequate certificates.

Qualification for the diploma includes a knowledge of communicable diseases, of child hygiene and mental hygiene, the use of meteorological, hygienic and sanitary apparatus.

The successful candidate must further know the appearance of healthy and diseased tissues of animals, and their microscopic examination.

Finally, he must show a capacity to formulate a report on public health conditions in an actual locality and make annual and other reports as required by Officers of Health.

These examinations are written, oral and practical.

The fee for the course is $110.00 for British Subjects and $140.00 for non-British Subjects.

4. **Special Courses.** Graduates desiring instruction in any special branch of Public Health and Preventive Medicine, such as School Health Services and Industrial Hygiene, should apply to the Head of the Department. Courses will be arranged, suitable for the applicants, in order that they may receive full benefit from the time devoted to the course.

BUILDINGS

THE MEDICAL BUILDING

This Building, erected in 1911, at a cost of over $600,000, contains the Offices of Administration, the Medical Library (with its 46,000 volumes, its Reading Rooms and their complete set of technical journals), the Departments of Anatomy, Histology, Hygiene, Pharmacy, and the magnificent Museums of Anatomy, Pathology and Ethnology. The Faculty of Dentistry is also in this Building.

The Department of Anatomy, with its commodious laboratories, its dissecting room, with 50 tables, and its very unusual abundance of material, affords unequalled facilities for students. Moreover, graduates who desire opportunities for research are adequately cared for in this Department.

The Department of Histology and Embryology, too, has excellent facilities, with laboratory space for 120 students, and smaller laboratories for research.

THE BIOLOGICAL BUILDING

Completed in 1922 at a cost of over $500,000, this edifice was erected on the site of the original Medical Building, which was partly destroyed by fire in 1907. This extensive structure—184 feet by 60 feet—houses on each of its floors laboratories devoted respectively to Botany, Zoology, Biochemistry, Physiology and Pharmacology.

Each of these departments is amply provided with laboratories and units for undergraduate teaching and graduate research.

Adjacent to and connected with the Biological Building is the Laboratory for Experimental Surgery. This two-storey building contains two operating units with sterilization and anæsthetic rooms, as well as commodious quarters for the storage of animals and their care during convalescence. The equipment is very complete and includes a refrigerator plant and kitchen.

THE PATHOLOGICAL INSTITUTE

This Building, which was opened for use in October, 1924, and which is connected with the Royal Victoria Hospital by a tunnel, is situated on the Northeast corner of University Street and Pine Avenue, adjacent to the Medical Building. It provides accommodation for the departments of Pathology, Bacteriology and Medical Jurisprudence, and includes a Pathological Museum and museum workshops. It combines under one roof, quarters for teaching and research in these departments, both for the

University and for the Royal Victoria Hospital. From the latter is drawn chiefly its material. It was constructed at a cost of $460,000; is of Montreal limestone; its main front is 242 feet long; the north end is 77 feet wide and the south end 60 feet. It provides ample facilities and equipment for instruction of students, and the research work of the Staff.

HOSPITALS

Few medical schools on this Continent offer better facilities than those enjoyed by the students of McGill University. Ideal academic and topographical conditions exist for the teaching of scientific and practical medicine.

The Medical School is on the University Campus, and is thus in juxtaposition to the scientific laboratories of the University and to the largest teaching hospital in the city. Co-operation with the scientific and cultural departments of the University, as well as with clinical facilities, is thus made easy.

The following hospitals and institutions are at the disposal of the teaching staff and students for clinical and pathological study:—

Royal Victoria Hospital.
Montreal General Hospital.
Children's Memorial Hospital.
Foundling Hospital.
Alexandra Hospital for Infectious Diseases.
Protestant Hospital for the Insane.
Royal Edward Institute for Tuberculosis.
The Royal Victoria Montreal Maternity Hospital.

The staffs of these institutions are appointed with the co-operation of McGill University and, for the most part, are teachers in the Medical School. These affiliated hospitals contain over 2,000 beds.

The Royal Victoria Hospital, in juxtaposition to the University building, is a general hospital for acute diseases and contains 680 beds. During 1930 it cared for 14,597 cases, while in its outdoor department 82,952 cases were treated. Many new additions have been made to the Hospital. A modern University Medical Clinic was established in 1924.

There were 273 post-mortems during 1930.

The number of resident physicians is 40.

The Royal Victoria-Montreal Maternity Pavilion, with 200 beds for obstetrical and gynæcological cases, was opened in June, 1926. In this institution there are 100 teaching beds and an organized out-patient service which is of the greatest benefit to the undergraduate

student. During the year 1930 the obstetrical service cared for 2,723 cases, with 2,645 confinements in the Hospital and 408 in the Out-patient Service, a total of 3,053. In the gynæcological section, 1,359 cases were admitted during the year.

There are seven resident physicians.

The Montreal General Hospital is a general hospital for the treatment of acute diseases and contains 404 beds. In 1930 there were 7,496 admissions to its wards. The large, reconstructed out-patient department, probably the finest in this country, received last year 149,740 visits. Many modern additions to the original buildings have been made, and recently a large biochemical laboratory has been erected and completely equipped.

There were 344 post-mortems during the year.

The number of resident physicians is 40.

The Dental Clinic of the University, completed in 1921, has 50 dental chairs with a large and varied clientele.

The Western Division of the Montreal General Hospital—The Western General Hospital. A hospital for the treatment of acute diseases, with 85 beds. It is hoped that this hospital will soon afford additional opportunities for teaching. The post-mortem and surgical material is now being used for teaching. During the year 1930 there were 1,847 admissions to the wards and 11,116 patients were treated in the out-patient department.

There were 68 autopsies during the year.

The number of resident physicians is 7.

The Children's Memorial Hospital has 200 public beds, and, in 1930, admitted 1,153 patients. The attendance at its out-door department totalled 11,738 patients. This hospital, while primarily for orthopædic cases, now admits all varieties of patients, and enables the students to get a broad conception of pædiatrics. Of special interest are the newly-built wards with cubicles, the Departments of Remedial Gymnastics, the Open-air Pavilion, and the well-equipped out-patient service.

There were 97 autopsies during the year.

The number of resident physicians is 7.

A summer course, lasting four weeks, has for several years enabled students and practitioners to become acquainted with many of the most important phases of modern pædiatrics.

The Montreal Foundling and Baby Hospital affords a large amount of clinical material for students, and gives special facilities for the consideration of infant feeding. There are 75 beds. In connection with this institution, there is a largely-attended Baby Welfare Clinic for mothers seeking advice as to the care of the normal child, and of themselves.

The Alexandra Hospital for Infectious Diseases, opened in 1906, with modern wards, cubicles and equipment, is regularly attended by students, who receive demonstrations on the essential features of the exanthemata.

There are 170 beds, and, in 1930, 1,326 patients were admitted to the hospital. There were 30 autopsies.

The number of resident physicians is 4.

The Protestant Hospital for the Insane at Verdun has 630 beds. It serves to instruct students in the diagnosis and treatment of the psychoses. Students are taken about the wards in groups, and are required to report on cases and discuss the general problems of psychiatry with the teachers. Occupational therapy is emphasized.

The Royal Edward Institute in its new building on Pine Avenue has space for 25 beds, with operating room, X-Ray equipment and modern facilities for the examination of patients, is essentially a dispensary for tuberculosis and offers adequate material for teaching students, in groups, the essential features of pulmonary disease.

The Royal Victoria Hospital is adjacent to the Medical School, while the other affiliated hospitals are within easy access. These hospitals, with their large clinical and laboratory facilities, and their close affiliation with the University, offer excellent opportunities for the study of disease in all its phases.

LIBRARY

HONORARY LIBRARIAN:—DR. C. F. WYLDE

ASSISTANTS:—
MISS C. DAVIDSON, B.A.
MISS V. LOUISE DAVIDSON
MISS EDITH R. GORDON
MISS MARY HUME
MISS HELEN SEAMAN
MISS BEATRICE V. SIMON

"The history of the Library is the history of the Faculty."
Professor Hall

The Library occupies the central part of the Medical Building, the whole front of the second and third floors, as well as a portion of the first floor. On the third floor is the magnificent reading room, 76 x 24 feet, exceptionally well lighted, and capable of accommodating seventy-five readers. On this floor also are the journal room and private office. The second floor contains the stack room, the book stacks at present containing about 46,000 volumes, as well as eight sections of unbound material in cases, such as hospital reports, university calendars, and government publications, and having a total capacity of sixty thousand volumes; also three study rooms. On the first floor are the cataloguing rooms, offices and pamphlet room.

A special feature of the Library is the journal collection, and every effort is being made to complete this section as far as possible, and thus to increase the value of the reference department of the Library. Through the generosity of interested friends there is also a valuable collection of approximately one thousand volumes of early works on the History of Medicine, dating from the fifteenth century. These can be consulted at the Library.

A complete journal collection is listed in the Catalogue of Scientific Periodicals in Canadian Libraries, and also in the Union List of Serials. published by the W. H. Wilson Company.

The Library is for the use of the members of the Teaching Staff, graduates of the Medical Faculty of the University, undergraduate students in the Faculty, graduates from other colleges showing proper credentials, and registered nurses. It is felt that graduates living at a distance are not aware of the fact that books may be borrowed from the Library on payment of carriage both ways.

The Library is closed on Sundays, but is otherwise open daily during term from 9 a.m. to 9.30 p.m., except Saturdays, when it is closed at 5 p.m. After June 1st it is open from 9 a.m. to 5. p.m.; Saturdays, 9 a.m to 1 p.m. During July and August it is closed on Saturdays.

THE OSLER LIBRARY

LIBRARIAN:—W. W. FRANCIS

This special library of the history of medicine and science, collected by Sir William Osler with a view to its educational value, was bequeathed by him to his Alma Mater. The Osler Library, which comprises about 7,600 volumes, occupies a large room, beautifully equipped, on the third floor, convenient to the Medical Library. The collection is rich in early editions of the older literature, as well as in modern historial works; and its importance and usefulness are much enhanced by the donor's annotated catalogue. Planned and prepared by Osler along very unusual lines, the catalogue has been completed, indexed, and printed since his death ("Bibliotheca Osleriana," Clarendon Press, Oxford, 1929, xxxvi, 785 pp.).

The books are classified in eight sections, of which the first, the "Bibliotheca Prima," presents a bibliographical outline of the evolution of science (including medicine), and was planned to contain the essential literature arranged chronologically under the names of the greatest contributors to the advancement of knowledge. Another feature of the Library is its Incunabula, a valuable collection of 136 books printed in the fifteenth century.

The Osler Library is open daily, except Sunday, for the use of undergraduates and all who are interested. The Librarian will be glad to give advice or informal instruction to students. Accommodation is provided for readers, but the books may not be borrowed or removed from the Library.

MEDICAL SOCIETIES

1. THE McGILL UNDERGRADUATE MEDICAL SOCIETY

The Society is composed of the registered students of the Faculty. Its purpose is:—

(1) To transact all matters of business connected with the undergraduate body.

(2) To stimulate interest along medical lines.

(3) To assist students to express themselves in public with facility.

(4) To provide an enjoyable social evening, at the same time developing a strong spirit of faculty loyalty.

Meetings are held every alternate Monday, at which addresses are given by prominent professional men, medical and otherwise. Case reports are also read and discussed by the members themselves.

The annual meeting is the last meeting in the spring, when the following officers are installed: Hon. President (elected from the Faculty), President, Vice-President, Secretary, Assistant Secretary, Treasurer, Reporter and three Councillors (of whom two are chosen from the Faculty). These officers are elected by ballot one week before the annual meeting.

A prize competition has been established in the senior and junior subjects. The senior are open to all to write upon, while only students of the first three years are allowed to compete in junior subjects. The papers are examined by a board selected by the Faculty, and two prizes are awarded in each division. The papers are subject to the call of the Executive on December 1st, and must be handed in for examination before February 1st. The Society also controls the Students' Reading Room. English and American journals, as well as the leading daily newspapers, are kept on file.

2. ALPHA OMEGA ALPHA HONORARY MEDICAL SOCIETY

This Society, which has Chapters in the various Medical Colleges of Canada and the United States, established a subsidiary branch at McGill University in 1912.

There are honorary, graduate and undergraduate members. Honorary members are selected from such teachers as are more particularly interested in the advancement of scientific medicine. Undergraduate members are selected from those students who, during their earlier academic career, have shown promise of development and have attained honour rank. They are eligible for election in the Fourth and Fifth years.

Meetings are held every month throughout the session, and papers are read by honorary and active members, as well as by graduates. Once during the year an open meeting is addressed by a visitor who is prominent in the medical world.

3. THE OSLER SOCIETY

The Osler Society was founded in the Spring of 1921 by a number of undergraduates in Medicine, its object being to perpetuate the memory and teachings of Sir William Osler by the reading of papers and discussion of topics reflecting his ideals of a liberal medical education. Thus those interested may supplement their clinical and scientific knowledge by the consideration of those topics of medicine which are of historical and literary significance.

The membership includes men from each class in the Faculty. Several professors have shown an active interest in the Society and have added a more mature note to the discussions. Each year an Honorary President has been elected from this older group.

McGill University has been greatly enriched by the gift of the Osler Library, bequeathed by Sir William. Members of the Society are fortunate in having ready access to this unique source of original material, comprising as it does a rare and valuable collection of some 8,000 volumes and pamphlets devoted to the history of science and medicine from the time of Hippocrates.

FACULTY OF DENTISTRY

FOUNDATION AND HISTORY

The Dental Department of McGill University was established as a Department of the Faculty of Medicine in the autumn of 1903. At that time the didactic teaching and laboratory work were carried on in the lecture rooms and laboratories of the Medical Building, clinical instruction being given at the Dental Infirmary, a clinic conducted by the Dental Association of the Province of Quebec. This arrangement fulfilled the requirements of the Department for a time, but soon the need of separate quarters for didactic and laboratory instruction and also of improved clinical facilities was felt. These have been supplied, first, by the assignment to the Department of a portion of the east wing of the Medical Building, and, second, by the establishment of a clinic at the Montreal General Hospital.

The new quarters of the Faculty occupy the northern half of the first floor of the east wing of the Medical Building. Here are provided all the necessary lecture rooms and laboratories, as well as private rooms for the members of the staff. The laboratories are equipped with the latest apparatus and appliances for teaching practical dental operations.

The clinic at the Montreal General Hospital was established in connection with the out-patient department of the Hospital in the early part of the session 1908-09.

The rapid growth of the Faculty, however, soon made necessary the enlargement of the facilities for teaching Clinical Dentistry, and so in 1921 the University, acting conjointly with the Governors of the Montreal General Hospital, thoroughly remodelled the space used for the clinic, and in addition erected a new wing 80 ft. x 36 ft.—the entire wing being occupied by dental chairs and other equipment. This gives to the Faculty one of the most thoroughly equipped dental clinics on the Continent. In addition to the splendid equipment and facilities provided in the Hospital clinic, students of the Dental Faculty share with the other departments the advantage of the great Hospital with which it is connected, such as a splendid X-ray department and a well-managed pathological department. They also have the privileges of the surgical operating amphitheatre, and the Hospital anæsthetists are always available for operations.

ENTRANCE REQUIREMENTS

Every candidate for admission to the First Year in the Faculty of Dentistry must have completed two full years in the Faculty of Arts of a recognized university, including lectures and laboratory work in *Chemistry* (Inorganic and Organic), *Physics* and *Biology*.

In the case of those who intend to practise in the *Province of Quebec* it is essential that the candidate should take at least the second of these two years in a recognized English University in this Province.

Courses specially designed to meet these requirements are offered in the Faculty of Arts and Science of McGill University, where a student may take the two years of study required, or the second of the two if he has satisfied the requirements of the first by Senior Matriculation, or otherwise.

Particulars of the Junior and Senior Matriculation Examinations are given in the Arts and Science Announcement.

PROVINCIAL REGISTRATION

Intending students are reminded that a University degree in Dentistry does not itself give a right to practise the profession of Dentistry. It is necessary to comply with the Dental laws of the country, state, or province in which it is proposed to begin practice. Each province in Canada at present has special requirements for its licence, and in all of them a certain standard of general education is insisted upon before the study of Dentistry may be begun. *Students who intend practising in Canada are advised to register their qualifications in the province in which they intend to practise, before they begin their University course.*

The following is a list of the Registrars of the Dental Boards of the several Canadian provinces. Students are advised to write for information whenever they are in doubt as to the regulations of any province.

**Ontario*—W. E. Wilmott, Toronto.
**Nova Scotia*—Geo. K. Thompson, D.D.S., Halifax.
**New Brunswick*—F. A. Godsoe, D.D.S., St. John.
**Prince Edward Island*—J. S. Bagnall, D.D.S., Charlottetown.
**Manitoba*—H. F. Christie, D.D.S., 626 Somerset Block, Winnipeg.
**Alberta*—A. E. Hennigar, D.D.S., Herald Building, Calgary, Alta.
**Saskatchewan*—L. J. D. Faskin, Regina.
Quebec—Dr. Denis Forest, 3632 Park Ave., Montreal.
British Columbia—Albert Brighouse, Vancouver.

---

*Members of the Dominion Dental Council.

DOMINION DENTAL COUNCIL OF CANADA

Seven of the nine Canadian provinces (*i.e.*, all but Quebec and British Columbia) have entered into an agreement whereby the holder of a licence granted by the Dominion Dental Council may practice in any of the subscribing provinces. In order to obtain this licence a candidate must: (1) hold a matriculation certificate of the proper standard; (2) pass the examination set by the council, and (3) pay the local provincial registration fee.

The Secretary of the Dominion Dental Council is Major W. D. Cowan, M.P., Regina, Sask.

INSTRUMENTS

With the exception of extracting instruments, lathes, and vulcanizers, each student is required to furnish his own instruments, and appliances for both laboratory and operating room, and is not permitted to enter the Course until he is thus supplied.

The approximate cost of instruments and supplies for the First and Second Years is $300, which includes an Anatomical Articulator, and an Engine.

Third Year approximate cost	$100.00
Fourth Year approximate cost	75.00

All of these instruments and this equipment will be required for office use when the student enters practice and should be regarded as an investment for that purpose rather than a university expense.

A list of the above instruments may be secured at the Dean's Office, and arrangements have been made with local Dental Supply Houses in order that the student may benefit by a special trade discount.

MEDALS AND PRIZES

The F. A. Stevenson Gold Medal.—Awarded to the student in the Final Year who stands first in the science and practice of Dentistry. The standing is determined not only by the written and practical examinations at the end of the year, but by the general work of the student during the whole course.

The Lieut.-Governor's Silver Medal.—Awarded to the student in the Final Year who stands highest in the practical work done during the year and at the final examinations.

The Lieut.-Governor's Bronze Medal.—Awarded to the student obtaining the highest marks, in the Third Year examinations, in Dental Pathology and Dental Therapeutics.

Final Year Prize.—A prize in books is awarded to the Final Year student who stands second in the class. The standing is determined in a manner similar to that followed in the awarding of the gold medal.

Third Year Prize.—Two prizes (first and second), in books, are awarded in the Third Year. The method of determining the winners of these prizes is similar to that adopted in awarding the prizes in the Final Year.

First and Second Year Prizes.—A prize in books is awarded to the student obtaining the highest standing at the sessional examinations.

COURSE FOR THE DEGREE OF D.D.S.*

Candidates for the degree of D.D.S. must complete two years of predental training in a College or Faculty of Arts, with Physics, Inorganic and Organic Chemistry and Biology as compulsory subjects, before entering upon the four-year course in this Faculty. The curriculum is as follows:—

First Year

Anatomy (human)
Dental Anatomy
Histology, Medical
Physiology
Metallurgy
Prosthetic Technique
Operative Technique
Histology—Dental

Second Year

Crown and Bridge Work
Operative Technique
Orthodontia
Prosthetic Technique
Bacteriology
Physiology
Biological Chemistry
Pharmacology
General Pathology

Third Year

Crown and Bridge Work
Dental History, Ethics and Office Management
Dental Jurisprudence
Dental Materia Medica and Therapeutics
Operative Dentistry
Orthodontia
Prosthetic Dentistry
Dental Radiography
General Anæsthesia
Dental Surgery
Local Anæsthesia
Materia Medica
Dental Pathology

Fourth Year

Operative Dentistry
Orthodontia
Prosthetic Dentistry
Oral Surgery
Crown and Bridge Work
Oral Hygiene

---

*It should be understood that the programme and regulations regarding courses of study and examinations contained in this calendar hold good for this calendar year only, and that the Faculty, while fully sensible of its obligations towards the students, does not hold itself bound to adhere absolutely, for the whole four years of a student's course to the conditions here laid down.

EXAMINATIONS

Frequent oral examinations are held to test the progress of the student, and occasional written examinations are given throughout the session.

A minimum of 50 per cent in each subject is required to pass, and 75 per cent for honours.

All examinations in each year must be passed before a student is allowed to advance to the next.

Candidates who fail at the regular examinations in not more than three subjects of the First, Second or Third Years, may, at the discretion of the Faculty, be allowed to take the supplementary examinations before the beginning of the following session. These examinations are held during the week preceding the regular opening of the session.

Failure in more than three subjects of the First, Second or Third Years at the regular examination excludes the candidate from advancement.

Students who fail in one subject only of the Final Year may, at the discretion of the Faculty, be allowed a supplementary examination in that subject. Should the subject be one in which practical or clinical work is required, the student must furnish a certificate of additional clinical attendance or laboratory work before presenting himself for examination.

Applications for supplemental examinations must be in the hands of the Dean at least three days before the date set for the beginning of the examination, and must be accompanied by a fee of $5.00 for each subject.

QUALIFICATIONS FOR THE DEGREE

1. No one is admitted to the degree of Doctor of Dental Surgery who has not attended lectures for a period of four sessions in the Dental Faculty of this University, or partly in this University and partly in some other approved university, college or school of dentistry.

2. Students of other universities, so approved, who may be admitted on production of certificates to a like standing in this University, are required to pass an oral examination in primary subjects, and all examinations in the final subjects in the same manner as students of this University.

No one is permitted to become a candidate for the degree who has not attended at least one full session at this University.

3. Candidates for the final examination must furnish testimonials of attendance on the branches of dental education mentioned on page 15; provided, however, that testimonials equivalent to, though not precisely the same as these, may be presented and accepted.

COURSES OF LECTURES

ANATOMY

THE ROBERT REFORD PROFESSOR:—S. E. WHITNALL
PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON
ASSOCIATE PROFESSOR OF ANATOMY:—JOHN BEATTIE
LECTURER IN ANATOMY:—H. E. MACDERMOT
LECTURER IN HISTOLOGY:—W. M. FISK
SENIOR DEMONSTRATOR IN ANATOMY:—D. S. FORSTER

DEMONSTRATORS IN ANATOMY:—
E. H. CAYFORD
R. R. FITZGERALD
R. M. H. POWER
P. G. SILVER
G. A. FLEET
A. ROSS
H. M. ELDER
W. W. RUDDICK
G. D. LITTLE
J. R. LOCHEAD

The course covers two years, and is planned so that after making a general survey of the whole body, the dental student concentrates his attention on the head and neck. He is thus enabled to study in greater detail those parts which are related to his particular province, and he avoids spending undue time over regions which possess no special educational or professional value for him.

First Year:—The student takes the First Year medical course of three lectures and twelve hours' practical work a week during the first two terms, thus studying the body exclusive of the lower limb.

Histology, Embryology and Dental Histology

First Year:—Two lectures and three laboratory periods per week for the First and Second Terms.

Dental Histology

2 hours per week during the third Term.

The course includes:—

(1) A survey of the general principles of embryology and of the early stages in the development of the human embryo.

(2) A detailed study of the fundamental tissues of the human body.

(3) A study of the development and microscopic structure of the organs and systems, in which the head and neck and the circulatory, digestive and respiratory systems are considered in detail, whilst the remaining systems are treated in a more general way.

Text-books:—Gray's Practical Anatomy, Walmsley; *Histology*, Jordan, Noyes, Schafer's Elements, Bailey.

DEPARTMENT OF BACTERIOLOGY

PROFESSOR:—E. G. D. MURRAY

LECTURERS:—W. W. BEATTIE

All lectures and laboratory courses are given in the Department of Bacteriology (Institute of Pathology).

COURSE 4.—*Medical Bacteriology and Immunity.*

30 lectures and 90 hours Practical Work, and a weekly Tutorial Class. First term.

Introductory and Historical Survey.

Elementary Morphology; Physiology and a limited classification of Pathogenic Bacteria.

Growth; Death and Variation.

Sterilization Methods; their applications and where and how they may fail.

Culture Media and Cultural Methods.

The Process of Infection and Invasion; the epidemiology; the progress of the disease to healing and death; the tissue reaction, and the isolation and identification of the infecting organism in diseases caused by:

The Staphylococcus; the Streptococcus (including the Pneumococcus); the Gonococcus and Meningococcus; the Typhoid-Coli-Dysentery group; *Br. militensis; P. pestis; C. Tetani* and the Gas-gangrene bacilli; *Cor. diphtheriæ; My tuberculosis;* the Spirochætes and the Filterable Viruses.

The Carrier Problem.

Arthropod Vectors.

Phagocytosis.

Agglutination; Precipitation; Bacteriolysis and Hæmolysis, and their applications.

The Wasserman Reaction.

Toxins and Antitoxins; illustrated by Diphtheria, Tetanus, and the Schick, Dick and Schultz-Charlton Reactions.

Prophylactic Vaccination.

PHARMACOLOGY

PROFESSOR:—R. L. STEHLE
LECTURER:—K. I. MELVILLE
LECTURER:—HERMANN SCHROEDER

A course of ten lectures concerned with those phases of pharmacology which are of importance in dentistry supplemented by five laboratory periods or demonstrations.

Text-books:—Cushny's, Sollmann's or any other standard text.

BIOCHEMISTRY

PROFESSOR:—J. B. COLLIP
ASSISTANT PROFESSOR:—D. L. THOMSON
RESEARCH FELLOWS:—R. L. KUTZ, J. S. L. BROWNE, L. I. PUGSLEY, C. W. CHAPMAN

A required course of lectures and laboratory exercises, conferences and laboratory work is offered, in which one section of the general field is treated in greater detail. This course is taken along with the medical students.

REQUIRED COURSES

1. Biochemistry—Lecture Course:

This course forms a general introduction to the subject and is divisible into four parts: first, a survey of the chemical nature and physicochemical properties of the foodstuffs and the constituents of living matter; second, an account of the transformations undergone by these substances in digestion and metabolism; third, the principles of the science of nutrition; fourth, an introduction to pathological chemistry.

Text-books:—Bodansky: "Introduction to Physiological Chemistry." Cameron: "A Text-book of Biochemistry."

Reference books:—Peters & van Slyke: "Quantitative Clinical Chemistry," Gortners; "Outlines of Biochemistry," Thomson: "The Life of the Cell," Lusk: "Science of Nutrition."

Monday and Friday at 10, Wednesday and Saturday at 9, during the Autumn and Winter terms.

2. Biochemistry—Laboratory Course:

The exercises will deal with the practical side of the subjects treated in the lecture course, such as the chemical properties of the carbohydrates, fats, and proteins, and the qualitative and quantitative analysis of blood, urine, and other body fluids for their most significant constituents, by volumetric and colorimetric methods. A synopsis of the course is issued by the Department.

Reference books:—Hawk & Bergeim, "Practical Physiological Chemistry." Folin, "Laboratory Manual of Biological Chemistry."

Six hours a week. Monday, Wednesday and Friday mornings in the Autumn and Winter terms.

CROWN AND BRIDGE WORK

LECTURER:—W. C. BUSHELL

DEMONSTRATOR:—PAUL R. MARCHAND

A series of lectures and laboratory periods in the First, Second and Third Years leading up to practical cases in the Fourth Year, accompanied by lectures and clinics.

The course embraces all phases of crown work, including porcelain jacket crowns, the preparation of teeth for their reception, the construction of the crown both as isolated units and as bridge abutments—principles of fixed bridgework, indications and contra-indications, stresses and strains, choice of abutments, construction of pontics.

Special attention is given to the use of porcelain in bridge construction —removable bridgework; the various attachments and methods of assemblings; a complete course in the casting technique; inlays, both as fillings and as bridge abutments; cavity preparations (direct and indirect); methods of obtaining patterns; the various casting techniques.

DENTAL ANATOMY

LECTURER:—CAMPBELL MORRIS

This course, given in connection with general anatomy in the First Year, aims at giving the student a thorough knowledge of the size, shape, uses, and general construction of the natural teeth, their articulation and composition.

This is accomplished by lectures and demonstrations, with the use of drawings, models and lantern slides.

The student is required to carve in ivory sixteen teeth, representing

all the forms in the human mouth, which are then articulated anatomically. These are used later on in his work in operative dentistry.

Different sections of extracted teeth are made, to familiarize the student with the relationship of the different structures composing the teeth.

The total time given this subject during the First Year is five hours a week for a period of twenty-six weeks, total of one hundred and thirty hours, divided as follows:—one hour a week devoted to lectures, twenty-six hours; four hours a week to demonstrating, modelling, carving, making sections, etc., one hundred and four hours.

Text-book:—Black.

DENTAL HISTORY, ETHICS AND OFFICE MANAGEMENT

LECTURER:—CAMPBELL MORRIS

History:—

This course is intended to give the student an intelligent conception of the evolution and development of dentistry from the primitive conditions and methods of the past to the present standing of the profession as a branch of the healing art. The relation of some of the outstanding men of the profession to this development will also be dealt with.

Ethics:—

Under this head the moral, social and business relationships between the dentist and his patient will be discussed, as well as his duty to the public, his fellow practitioner, and himself.

Office Management:—

Under this head the business of the dentist's life will be considered. The question of office equipment, keeping of appointments, overhead charges, methods of determining fees, office assistants, etc., will be taken up.

DENTAL JURISPRUDENCE

ASSOCIATE PROFESSOR:—F. R. SCOTT

A discussion of the laws governing the practice of Dentistry, their necessity and purpose.

The responsibility of the dentist under the laws of the Province, his position as defendant in suits for damages and as plaintiff in suits for fees, etc., are fully explained.

DENTAL SURGERY

ASSOCIATE PROFESSOR:—A. L. WALSH

DEMONSTRATORS:—R. E. McMAHON, A. W. MITCHELL, W. A. PITCAIRN

Thirty lectures are given to the Junior Students in the above subject, which includes exodontia, cysts, fractures, and benign tumours, alveolectomy and apicoectomy. The Seniors are given clinics on practical cases and are required to complete one case during the year in any of the above, excepting exodontia.

MATERIA MEDICA AND THERAPEUTICS

PROFESSOR:—FRED. G. HENRY

In the Third Year a course of demonstrations and lectures in this subject is given, extending throughout the whole session. This comprises the study of the physical properties, chemical composition and physiological action of the various medicinal substances used in the treatment of diseased conditions of the dental organs and morbid conditions of the oral cavity, together with their various applications, doses, antidotes, and contraindications, with instruction in prescribing, etc. Anæsthesia and the various anæsthetics are also taken up, following that already given in the Second Year.

Text-books:—Hare, Buckley, Prinz; *Local Anæsthesia*, Arthur E. Smith.

METALLURGY

PROFESSOR:—ALFRED STANSFIELD

ASSISTANT PROFESSOR:—GORDON SPROULE

This course is given to Dental students of the First Year by the Metallurgical Department of the University.

It consists of twelve lectures of one hour, and twelve laboratory periods of two and a half hours each.

The lecture course covers:—

(1) Introductory lectures on the physical and chemical properties of metals, especially in relation to their use in dentistry.

(2) Methods of melting, casting and alloying metals in the laboratory.

(3) Methods of extracting metals from their ores.

(4) The nature and preparation of alloys, including amalgams.

(5) The metals used in dentistry (lead, zinc, tin, bismuth, cadmium, antimony, aluminum, copper, silver, gold, platinum, iridium, mercury, iron and steel) are considered separately in regard to their properties, uses in dentistry, and, as far as time allows, extracting from their ores. The separation, purification and alloying of gold, silver and platinum are specially considered.

(6) The manufacture, properties and uses of dental amalgams.

Text-book:—J. D. Hodgen, "Practical Dental Metallurgy."

The laboratory course includes experimental work with the metals; gold, silver, copper, lead, zinc, tin, aluminum, nickel, iron and steel.

The metals are melted, alloyed, cast, hammered, filed, cut, rolled, annealed and tested with acids and other chemicals.

The preparation of pure gold and silver is carried out and the production and testing of dental and other amalgams.

The course is given during the first term of each session by Mr. Sproule.

OPERATIVE DENTISTRY

PROFESSOR:—F. H. A. BAXTER
ASSOCIATE PROFESSOR:—A. L. WALSH
LECTURER:—W. G. LEAHY
DEMONSTRATOR:—LORNE F. MCRAE

The purpose of this course is to make the students thoroughly familiar with all modern and accepted methods. The course of lectures extends over two years and a half, and includes discussion of the treatment of caries; the preparation of cavities, the materials used for filling, the most approved instruments and appliances used in operating upon the teeth. Clinics will be held at the Dental Clinic, where ample material is provided and every available means used to make the student practically conversant with all the up-to-date knowledge of this important branch of dental science.

In conjunction with this course, operative technics is taken up, which provides a systematic course in manual training, thoroughly familiarizing the student with the anatomy of the teeth, and the shaping

of cavities, from the simple to the more complex. This is carried out on models, using the different regular filling materials, scaling, bleaching, and, so far as possible, all of the operative procedures.

The Dental Clinic is open throughout the whole year, and students are advised to give as long a time to this work as possible. Each student must provide himself with the instruments necessary for his own use, a list of which will be furnished. He is required to perform all the usual dental operations as they present themselves, under the supervision of competent demonstrators, who are always at hand to offer advice and assistance under the direction of the Professor. Between the Second and Third Years, and also between the Third and Fourth Years, students are required to spend six weeks doing practical work in the Hospital Clinic.

ORTHODONTIA

PROFESSOR:—A. W. McCLELLAND
LECTURER:—GERALD FRANKLIN
LECTURER IN HISTOLOGY:—D. P. MOWRY
DEMONSTRATOR:—M. L. DONIGAN
ASSISTANT DEMONSTRATOR:—A. R. WINN

The course in this branch of Dentistry commences with the study of the embryology of the dental organs, covering growth, development and eruption of the teeth.

Orthodontia is taught in three full years of the dental course.

The work of the second year is chosen with a view to giving the student a thorough course in technique. Here, different kinds of free-hand soldering is taught, together with the making of simple appliances; the taking of impressions and the making of plaster models is also taken up in this year.

The third year's work may be divided up into three parts, Practical, Theoretical and Clinical. Advanced appliance technique, plaster work, etc., comprises the practical work of this year.

Ten lectures are given, covering terminology, occlusion and classification, which is deemed sufficient to enable the student to enter on the more difficult theoretical problems of his final year.

Following the lectures, group chair-clinics are given, when patients are examined, simple cases diagnosed, etc.

The third year student is associated with a student of the final year, who is carrying on cases under treatment in the clinic at the Montreal

General Hospital. The third year student does not take part in the active treatment however.

In the fourth or final year a course of advanced lectures is given. These lectures cover Etiology, diagnoses and preventive orthodontia.

Clinical cases are assigned to each student which he treats under strict supervision.

He is called upon to make appliances suitable to the case at hand. Such appliances are designed by the staff and are constructed of precious metals.

Together with the student being responsible for the treatment of the cases assigned him, he must familiarize himself with all other cases under treatment.

Histology is reviewed and taught, paying special attention to the changes that take place in the bone tissue incident to tooth movement.

In the laboratory slides which are specially selected are microscopically examined.

Text-books recommended are:—McCoy, Dewey, Angle.

PATHOLOGY

PROFESSOR OF DENTAL PATHOLOGY:—FRED. G. HENRY
PROFESSOR OF PATHOLOGY:—HORST OERTEL
LECTURER AND DOUGLAS FELLOW IN PATHOLOGY:—W. H. CHASE

Dental Pathology.

This course is given to the students of the Third Year, and includes a consideration of the various diseases of the enamel, dentine, dental pulp and peridental membrane, their symptomatology and treatment, also a consideration of abnormal conditions of the tissues of the oral cavity with a description of treatment and management of these diseases.

Special attention is also given to pathological condition of the nerve structures of the head and their connection with the diseased conditions of the dental tissues.

The mitigation of pain in dental operations receives special attention and the various means employed fully developed and explained, and such directions given as will enable the student to avoid methods and drugs harmful to the tissues.

PHARMACY

PROFESSOR:—ALEX. B. J. MOORE

The course in Materia Medica and Pharmacy is given in the Third Year.

This course of about twenty-five lectures and demonstrations covers pharmacognosy, therapeutics and toxicology.

Pharmacopœias—B.P., U.S.P., B.P.C., and various hospital formularies;

Drugs—All organic and inorganic chemicals, such as:—alkalcids—glucosides, essential oils, stearoptenes, mineral salts, coal tar and its dervatives, animal products, synthetics, their sources and medicinal properties;

Therapeutical classification of drugs, such as:—anæsthetics, anodynes, antseptics, caustics, hypnotics, hæmostatics, counter-irritants, etc.

Toxicology—Toxic doses of potent drugs with chemical and therapeutical antidotes; toxic drugs, their action and administration;

Habit-forming drugs—cocaine, heroin, morphine, etc.:

Posology—

Prescription Writing—Various systems of prescribing, symbols, correct abbreviations, incompatibility;

Pharmacy—nomenclature, metrology, specific gravity, percentage solutions, sterilization;

Pharmaceutical Preparations—tinctures, pigments, spirits, collodions, hypodermic injections, mouth washes, dentifrices, fluid extracts, tablets, etc.

Methods of Manufacture.

Text-books:—Dixon, Cushny, Prinz.

PHYSIOLOGY

THE MORLEY DRAKE PROFESSOR OF PHYSIOLOGY:—JOHN TAIT

RESEARCH PROFESSOR OF PHYSIOLOGY:—BORIS P. BABKIN

ASSISTANT PROFESSOR:—N. GIBLIN

LECTURER—S. DWORKIN

DEMONSTRATORS:—G. F. SUTHERLAND, D. A. ROSS

The purpose of this course is to give the student an elementary knowledge of the whole subject of physiology with a more special knowledge of such aspects of the subject as bear more particularly on the practice of dentistry.

Text-books:—Huxley's "Lessons in Elementary Physiology;" Thornton and Smart, "Human Physiology."

PROSTHETIC DENTISTRY

PROFESSORS:—{GEORGE S. CAMERON
J. S. DOHAN

LECTURER:—I. K. LOWRY

DEMONSTRATOR:—R. A. WHEATLEY

The course in prosthetic dentistry embraces lectures illustrated by lantern slides, and practical work in the laboratory, under the supervision of the demonstrator of technics. It includes the preparation of the mouth for dentures, impressions, and the properties of materials used in the construction of artificial dentures. The student is required to construct the different forms commonly used. Attention is directed to the different functions to be performed by the denture in the restoration of the natural conditions as regards mastication, enunciation and the restoring of the features. Students completing the First Year are required to complete ten days' laboratory technique work, which will begin immediately upon the completion of the sessional work.

Text-book:—Wilson.

PROSTHETIC TREATMENT OF CLEFT PALATE

I. K. LOWRY

Practical clinics are given to Senior students on cases as they come through the Montreal General Hospital. These cases are carried through in the presence of the Dental students.

SURGERY

ASSISTANT PROFESSOR:—W. L. BARLOW

The course comprises clinical and didactic lectures. All lectures and demonstrations are given in the wards and clinical theatre in the Outdoor Department of the Montreal General Hospital. Cases showing injuries and diseases of the mouth and jaws are demonstrated and the appropriate treatment shown, including operative procedures under local and general anæthesia.

Text-books:—Oral Surgery, Blair and Ivy, 1923; Brophy's Oral Surgery; Dental Infections, Oral and Systematic, Weston Price, 2 Vols.

CLINICAL INSTRUCTION

Clinical instruction is given in the Operating Theatre and Out-Patient Department and in the Dental Clinic of the Montreal General Hospital. Abundant opportunity is afforded in this institution for the study of diseased conditions of the mouth and jaws, and for watching operations in these regions. The Dental Clinic, established twenty-two years ago by the Hospital authorities, proved a success from the outset, and ample material for clinical study is now provided. Twenty thousand patients were treated at this clinic during the past session.

Students are required to attend the clinic every day during the Third and Fourth Years from nine to twelve o'clock and from one-thirty to five o'clock, except during such part of the time as may be taken up with lectures or other work of the University course. The practical dental work is supervised by the Director of the clinic and his associates, four of whom are full-time members of the University staff. Anæsthetics are administered by members of the resident staff of the Hospital, who give practical instruction in this most important branch. A nurse is also in attendance during clinic hours.

LIBRARY

In conjunction with the Medical Library, which contains all the standard text-books in the branches of the first two years in Dentistry, there is a section dealing exclusively with dental subjects. Students may consult any work of reference in the Library between 9 a.m. and 9 p.m. during the session; Saturdays, 9 a.m. to 5 p.m.

MUSEUM

In connection with the Pathological Museum of the Medical Faculty there is a very good collection of plaster casts of deformities of the jaw, etc., and also a very large collection of teeth of all varieties.

FACULTY OF LAW

GENERAL INFORMATION

COURSE OF STUDY

The Faculty offers a three-year course in Law, based mainly on the study of the Roman and Civil systems, the curriculum and timetable being arranged on the assumption that a student is devoting his entire time to his university work.

ADMISSION

Students who have successfully completed two years in the Faculty of Arts and Science at McGill University will be admitted to the Faculty of Law without further examination. Other candidates for admission will have to satisfy the Faculty that they have attained an equivalent educational standard, and are intellectually qualified to pursue with advantage the study of law.

Students whose right to enter the Third Year of the Arts and Science Faculty is conditional upon their passing supplemental examinations are not eligible for admission to the Faculty of Law.

Women are admitted to the Faculty on the same terms as men, and are eligible for the degree. As the law stands at present, however, they cannot be admitted to the Bar or to the notarial profession in the Province of Quebec.

The Faculty may admit a limited number of suitable persons to attend selected courses of lectures without matriculation in the University. Such permission will only be granted to applicants of at least twenty-one years of age who satisfy the Faculty of their capacity to undertake with advantage the study of law. They will not be allowed to proceed to a degree, but will be entitled to receive a certificate specifying the course of study which they have successfully pursued and the class which they have obtained in the examination.

Candidates for admission are required to interview the Secretary of the Faculty and to obtain permission to register from him.

FRENCH

The attention of students is directed to the necessity of being able to read French easily, as the greater number of the works to which they will be referred are in that language.

REGISTRATION

All students must register in person at the office of the University Registrar between Monday, September 19th, and Wednesday, September 28th. First Year students who wish to consult the Dean personally with regard to their course should register not later than Friday, September 23rd.

Students registering later than the prescribed dates will be required to pay a late registration fee of $5 during the first week of the session and $10 during the second. This will not be refunded, except by special permission of the Faculty.

Students must bring with them at the time of registration the evidence necessary to show that they are entitled to admission into the Faculty, if this has not already been furnished.

PRIZES, SCHOLARSHIPS, AND MEDALS

The "Elizabeth Torrance Gold Medal," founded in 1864 by Professor John Torrance in memory of his wife, is awarded to the student who obtains the highest marks in the Final Examination.

The Montreal Bar Association offers a prize of $50 to the student who obtains the highest standing in Commercial Law, and the Junior Bar Association a prize of $15 to the student who obtains the best marks in Civil Procedure in the Final Year.

The "Alexander Morris Exhibition," of the value of $50, founded in memory of the late Hon. Alexander Morris, M.A., D.C.L., of Toronto, will be awarded to the student who obtains the highest standing in the Second Year.

Other prizes may be awarded at the discretion of the Governors.

The "Macdonald Travelling Scholarship" was founded by the will of the late Sir William Macdonald "for the purpose of enabling English-speaking Law students to take a course of studies in France," the testator "deeming it of great importance that the English-speaking members of the legal profession should be proficient in the French language." The value of the scholarship is the income derived from a capital sum of $20,000, and the scholar elected is required to pursue a year's study in the Law Faculty of a French University approved, in each case, by the McGill Faculty of Law. The award is made at the discretion of the Faculty to a student of the graduating class who has obtained first or second class honours in the Final Examination.

Women students are not eligible for a Macdonald Scholarship so long as the law excludes them from admission to the Bar in the Province of Quebec.

The "Thomas Alexander Rowat Scholarship" was founded by Mr. Donald McKenzie Rowat, N.P., in memory of his brother, Lieutenant Thomas Alexander Rowat, B.C.L., who was killed in action at Lens, France, on the 28th June, 1917. It is of the value of $120, and is awarded in alternate years for proficiency in the French language and in the old French law. Candidates must be British subjects of the Anglo-Saxon or Celtic origin The next award of this scholarship will be in 1933.

The "Charles Albert Nutting Prize" was founded in 1930 by Miss Adelaide Nutting, M.A., R.N., in memory of her brother, Charles Albert Nutting, K.C., B.C.L., who graduated from this faculty in 1872. It is of the value of $50, and is awarded to the student in the first or second year submitting the best essay on a topic related to legal history, the topic to be fixed in advance by the Faculty.

Students in the Faculty are eligible for Rhodes Scholarships tenable at the University of Oxford for a term of three years.

The Lieutenant-Governor's Silver Medal will be awarded to the student who stands highest in the Final Examination in Roman Law.

The Lieutenant-Governor's Bronze Medal will be awarded to the student who stands highest in the First Year course in Obligations.

No medals, prizes or scholarships will be awarded if, in the opinion of the Faculty, there is no candidate of sufficient merit.

DEGREE

The degree granted in the Faculty is that of Bachelor of Civil Law (B.C.L.). The course covers three years.

No student under the age of 21 years will be eligible for a degree.

The D.C.L. degree is granted under the authority of the Faculty of Graduate Studies and Research. The regulations governing this degree are given on page 411.

MOOT COURTS

Under the supervision of the professors, moot courts are held from time to time during the session in order to afford students parctice in the preparation and presentation of legal arguments. Regular attendance at these courts will receive credit as class-room work.

LIBRARY

The Law Library of the University at present contains over 12,000 volumes, and immediately adjoins the lecture rooms. The principal reports of Canada, the United Kingdom, and France are taken, as well as a selection of reports from the United States and elsewhere.

There is a small lending library, from which students can obtain text-books for the session on payment of an *ad valorem* fee.

The general Library of the University is also available for the use of Law students.

OFFICE ATTENDANCE

The attention of students is directed to the amendment of the Bar Act passed at the 1925 session of the Quebec Legislature which reduces the period of clerkship to one year for students who have previously obtained a recognized degree in Law. Advantage has been taken of this to reorganize the Faculty on a full-time basis. The final Bar examination may be taken as soon as the student has been admitted to the study of Law and has taken his B.C.L. degree. (For particulars as to Bar requirements, see page 382.)

EXAMINATIONS

Examinations will be held:—

(a) At the end of the first session, covering the year's work.

(b) At the end of the second session, covering the second year's work, the final examination in Roman and Constitutional Law on the work of both years being held at this time.

(c) At the end of the course, on the work of the three years, except Roman Law, Constitutional Law and International Law.

Subject to the approval of the Faculty in each case, a student who has been prevented by illness from taking certain papers in the sessional examination may be permitted to take supplemental papers on the same subjects. A fee of $5 will be payable in respect of each paper. No other supplemental examinations will be granted.

At all examinations in the Faculty students are at liberty to write their answers either in English or in French.

CURRICULUM

FIRST YEAR

ROMAN LAW

Three hours throughout the session. Professor Corbett.

CIVIL LAW

(a) Persons and Property.
Two hours throughout the session. Professor LeMesurier.

(b) Obligations.
Two hours throughout the session. Professor Howard.

CRIMINAL LAW

One hour throughout the session. Professor Surveyer.

CRIMINAL PROCEDURE

One hour throughout the session. Professor Surveyer.

CONSTITUTIONAL LAW

One hour, one term. Professor Scott.

INTERNATIONAL LAW

One hour throughout the session. Professor Corbett.

SECOND YEAR

ROMAN LAW

One hour throughout the session. Professor Corbett.

CIVIL LAW

(a) Sale, agency, partnerships, privileges, hypothecs and registration.
Two hours throughout the session. Professor LeMesurier.

(b) Marriage covenants, lease and hire, prescription and minor contracts.
Two hours throughout the session. Professor Chipman.

(c) Gifts, wills, substitution and successions.
One hour throughout the session. Professor Scott.

LEGAL HISTORY

One hour, one term. Professor Corbett.

CONFLICT OF LAWS

One hour, one term. Professor MacDougall

(This course will not be given in 1932-33).

CIVIL PROCEDURE

Two hours, first term. Professor Tyndale.

One hour, second term. Mr. Abbott.

CONSTITUTIONAL LAW

One hour, one term. Professor Scott.

MUNICIPAL LAW

One hour, one term. Professor Scott.

THIRD YEAR

COMMERCIAL AND MARITIME LAW

(a) Corporations.

One hour throughout the session. Mr. Bruneau.

(b) Introduction to the study of Commercial Law and Insurance.

One hour throughout the session. Mr. Claxton.

(c) Negotiable instruments and banking.

One hour throughout the session. Professor Scott.

(d) Maritime Law and Carriers.

One hour throughout the session. Professor Scott.

CIVIL LAW REVIEW

One hour throughout the session. Professor LeMesurier.

CIVIL PROCEDURE

Two hours, first term. Mr. Abbott.

Two hours, second term. Professor Tyndale.

EVIDENCE

One hour, one term. Professor Wainwright.

CRIMINAL LAW AND PROCEDURE

One hour, one term. Professor Surveyer.

COMPARATIVE LAW

One hour, one term. Professor Surveyer.

CONFLICT OF LAWS

One hour, one term. Professor MacDougall.

(This course will not be given in 1932–33).

SPECIAL LECTURES

The Hon. Mr. Justice Mignault will deliver two special lectures in the course of each session.

NOTE.—Changes in the by-laws of the Bar of the Province of Quebec governing legal education may necessitate some modifications in the curriculum.

ADMISSION TO THE PRACTICE OF LAW IN QUEBEC

The attention of the students who wish to be admitted to the Bar or to the notarial profession in Quebec is drawn to the following summary of the statutory provisions governing the practice of law in the Province:—

1. REGULATIONS APPLICABLE TO THOSE WHO INTEND TO BECOME MEMBERS OF THE BAR

N.B.—The articles are here abridged.

R.S.Q., 1925, c. 210, Section 48.—Examinations for admission to study and to practise law in the Province of Quebec are held at the time and place determined by the General Council.

The examinations are held alternately in Montreal and Quebec every six months; namely, at Montreal on the second Tuesday of each January, and at Quebec on the first Tuesday of each July.

All information concerning these examinations can be obtained from the Secretary-Treasurer of the General Council.

Section 50—Candidates must give notice, as prescribed by this article, at least one month before the time fixed for the examination to the Secretary of the section in which he has his domicile or in which he has resided for the past six months.

R.S.Q., 1925, c. 209, Section 2—This section provides that candidates holding the degree of Bachelor of Arts, Bachelor of Science, or Bachelor of Letters, from any Canadian or British University are dispensed from the examination for admission to study. Such candidates are required to give the notice mentioned above.

R.S.Q., 1925, c. 210, Section 52 (as altered by by-law of the General Council).—On giving the notice prescribed by Section 50, the candidate pays the Secretary a fee of $2.00, and makes a deposit of $125 for a complete certificate of admission to study; of $70 for a partial certificate of admission to study; and $200 for admission to practice, which deposit, less $30, is returned in case of his not being admitted.

Section 57.—To be admitted to practice, the student must be a British subject and must have studied regularly and without interruption during ordinary office hours, under indentures entered into before a notary, as clerk or student with a practising advocate during four years, *dating from the registration of the certificate of admission to study.* In the case of a student who has followed a regular law course in university or college in this Province and taken a degree in law therein the term is reduced to three years, carried on concurrently with the law course, or to one year after having received the said degree.

The By-laws passed by the General Council of the Bar of the Province of Quebec provide as follows:—

Article 51—A course of lectures on law given and followed at a university or law school of this Province, and the diploma or law degree conferred on students by such university or law school shall count with reference to the Bar Act only if the course of study hereinafter outlined has been effectively followed by the university or law school and by the holder of the diploma.

Article 52—A regular law course in a university or law school of this Province consists of seven hundred and eighty-five lectures of one hour each. These lectures are given on the various subjects in the following proportions:—

ROMAN LAW:—103 lectures:—This course comprises an introduction to the study of law, with explanatory remarks and comments on the Institutes of Justinian and on the principal Roman jurisconsults.

CIVIL, COMMERCIAL AND MARITIME LAWS:—413 lectures:—The course on these subjects must cover a period of at least three years. It comprises the history of French and Canadian law, explanatory remarks and comments on the Civil Code and on the statutes respecting commerce and shipping.

CIVIL PROCEDURE:—103 lectures:—This course must extend over at least two years. It comprises explanatory remarks and comments on the Code of Civil Procedure and of its statutory amendments, a study of the organization of the Civil Court of this Province and the history of the different judicial systems of the country; also the special modes of procedure provided by the statutes and the by-laws in general, as well as the Bar Act and the By-laws regarding the discipline of the Bar.

PUBLIC AND PRIVATE INTERNATIONAL LAW:—21 lectures:—This course comprises an historical outline, the sources of this law and of its subject matter, its objects (primary and secondary rights of sovereign states), rules of war, commercial and extradition treaties, etc., in force in Canada, as well as the rights and obligations of the citizens of the Province of Quebec and of Canada, and of aliens in the event of conflict of laws.

CRIMINAL LAW:—69 lectures:—This course comprises the history of Canadian criminal law, the organization of the criminal courts, criminal procedure, comments on the criminal law of the country, a comparative study of English and Canadian criminal law. The lectures shall extend over two years.

CONSTITUTIONAL AND ADMINISTRATIVE LAW:—41 lectures:—This course comprises an enquiry into the different constitutional enactments and public institutions of the country, the powers, the organization, the procedure of the Federal Parliament and of the Provincial Legislatures, the laws of education, and the Municipal Code.

COMPARATIVE LAW:—30 lectures:—This course comprises a concise enquiry into the English common law, and a general knowledge of the main principles underlying the civil and commercial laws of the other Provinces of Canada.

Article 53—The candidate for admission to practice who has obtained a law degree from a university or law school of this Province, must file, together with this notice, a certificate from the Principal or Head of such university or law school establishing that he has followed a law course in such university or law school during at least three years, in conformity with the Bar Act, and, moreover, specifying the number of lectures he has actually attended in each subject comprised in the foregoing curriculum during each of the three years and during the three years as a whole.

Article 54—The examiners must refuse to accept such degree as valid under the provisions of the Bar Act, if they are of the opinion that the course of study hereinabove outlined has not been effectually followed by the candidate.

II. REGULATIONS APPLICABLE TO THOSE WHO INTEND TO BECOME NOTARIES

For the regulations applicable to candidates for the notarial profession, see Revised Statutes of Quebec, 1925, ch. 211, Secs. 208-241.

FACULTY OF MUSIC

SESSIONAL ANNOUNCEMENT

The work of the Conservatorium of Music for the season 1932–33 will begin on September 12th, 1932, and will end on June 10th, 1933. It consists of three terms of eleven weeks each, **with an additional summer term of three weeks, viz.:—**

(a) September 12th to November 26th.

(b) November 28th to February 25th (Christmas vacation December 21st to January 5th inclusive).

(c) February 27th to May 20th (Easter vacation, one week).

(d) May 22nd to June 10th (short summer term).

Lectures arranged in progressive courses are offered as forming part of a connected curriculum, leading to certificates and diplomas, as well as to degrees in Music in the University.

The lectures will begin in the first week of October and extend over three terms of ten weeks each, viz.:—

(a) September 26th to December 3rd.

(b) December 5th to February 25th.

(c) February 27th to May 13th.

The examinations in Montreal for certificates and diplomas will be held towards the end of the third term, i.e., from May 8th to May 20th. The Theoretical Examinations which precede the Practical Local Examinations will be held on April 28th.

ADMISSION

Students of the Conservatorium are admitted either as:—

Regular Students, taking an organized course, which includes individual instruction in a First and Second Subject, together with such classes and lectures as may be thought advisable by the Director, leading to the Diploma of Licentiate in Music or the Degree of Bachelor of Music in the University.

Partial Students, who, besides individual instruction in the one principal subject, have the privilege of attending certain classes. Instrumentalists are, at the discretion of the Director, assigned to certain of the following classes:—Theory, Harmony, History, Form and Analysis; Ensemble Playing. Vocalists are assigned to two of the following classes:—Theory, Sight-Singing, Elocution and Diction, Choral Class.

Class Students. Those wishing to attend lectures or classes only, in either theoretical or practical subjects.

FEES

CONSERVATORIUM OF MUSIC

The fees are as follows:—

Regular Students. $225.00 a year payable at the beginning of the session (not later than October 1st) or in two instalments of $115.00 each, payable before October 1st and February 1st, respectively. This sum also covers the fees for the Diploma or Degree Examination at the end of the year, as well as fees to Students' Societies, and charges for Physical Education—which is compulsory.

Partial Students. $50.00 to $60.00 (according to instructor selected) per term of eleven weeks. Students paying in full for three terms of eleven weeks each are allowed to take the examination for a Certificate at the end of the year without any further fee.

Class Students. Fees vary between $5.00 and $25.00 per term, according to class. Precise information can be obtained on this point from the Secretary.

The fees for examinations for Certificates, when not included in the term fees as above mentioned, are the same as the fees for the Local Examinations. (See Faculty Announcement.)

In all cases fees must be paid strictly in advance at the office of the Conservatorium.

No individual or class lessons will be given to any student who is unable to produce a receipt showing that the necessary fees have been paid.

At the request of the students themselves and by the authority of Corporation, a fee of $17.00 is collected from all men undergraduates for the support of certain Student Societies, the use of the skating rinks and tennis courts during the session and for admission to the home games under the control of the Athletic Board. Women undergraduates pay a fee of $6.00 for the athletic privileges mentioned above, $1.50 for the McGill Daily and $2.50 for the McGill Women Students' Society, which includes all Royal Victoria College Societies. Membership in this Society is also open to women students taking partial courses on payment of the regular fee. Women students in Arts and Science, and Music are also required to pay $1.00 for the Royal Victoria College Undergraduates' Society. These items, however, are covered by the regular fees in the case of undergraduates.

FEES FOR DIPLOMA AND DEGREE EXAMINATIONS

DIPLOMA OF LICENTIATE (L. Mus.)—Fees for examination, $45.00, of which $15.00 is payable at each examination. Diploma fee, $5.00.

DEGREE OF BACHELOR OF MUSIC (Mus. Bac.)—Matriculation fee, $10.00 (see University Calendar). Fees for examinations payable as follows:—First examination in Music, $20.00. Second examination in Music, $20.00. Final examination in Music, $20.00. Graduating fee, $20.00.

Although under special conditions exemptions from certain examinations for the Diploma of Licentiate and Degree of Bachelor of Music may be allowed, there is no exemption from the *fees* given above, except in the case of candidates holding McGill Local Centre Certificates.

DEGREE OF DOCTOR OF MUSIC (Mus. Doc.).—Fee $100.00, one-half of which ($50.00) is paid when submitting exercise and the balance ($50.00) before the final examination.

N.B.—Candidates examined in theoretical subjects connected with the above Degrees and Diplomas at centres other than Montreal will probably have to pay a local supervisor's fee in addition to the fees stated above.

CONSERVATORIUM REGULATIONS

1. Fees are not refunded, nor is the length of the term extended on account of temporary absence. Absence from lessons caused by prolonged illness may be allowed for, provided the Secretary is notified and a Doctor's certificate presented.

2. No business matters can be arranged through the instructors, but must be transacted through the office.

3. Students cannot register for less than a term and must notify the Secretary, at least a week before the end of the term, if they wish to discontinue lessons, otherwise it is understood that lessons will be continued through the following term.

4. Any lessons missed in consequence of the instructor's absence will be made up at the mutual convenience of instructor and pupil. Lessons missed by students are their loss, unless a Doctor's certificate is produced.

5. *All students must sign the attendance register in the office immediately after each lesson.*

6. Every student (except those attending schools) must, at the beginning of each session, *either* produce a medical certificate from his or her medical attendant *or* be examined by the Medical Officer appointed by the University. See University Calendar.

7. No student suffering from an infectious or contagious disease, or who is, in the opinion of a competent medical attendant, in any way brought into contact with any person infected with such disease, is allowed to attend.

8. Students are required to be punctual at lessons, lectures, concerts and examinations.

9. Notices on the bulletin boards are official, and students are requested to pay due attention to such as may be posted there.

10. No change in course or teacher can be made without first obtaining the consent of the Director.

11. Students are advised to take the sessional examination (the form of such examinations to be decided by the Director) and are prepared for the same by the instructor or instructors to whom they are assigned.

12. *Students wishing either to take part in any public musical performance, publish a composition, or accept a professional engagement, must first obtain the consent of the Director.*

13. The name of each lecture and the hours at which the classes are held will be posted on the notice boards.

14. *Registered students of the Conservatorium must take part in either recitals or concerts, if required to do so by the Director.*

15. Visitors are not allowed to be present during any lesson (class or private) except by permission.

16. The Director has the right to refuse or to cancel at any time the registration of any individual whose presence in the Conservatorium may appear detrimental to its interests.

17. Smoking within the building is absolutely prohibited.

18. Physical education is compulsory for all regular students of the first two years, two periods per week being devoted to it. No student is asked to do work unsuited to his or her physique, and students debarred from exercise of any kind are dealt with separately and carefully advised.

REQUIREMENTS FOR DEGREES AND DIPLOMAS

(For Fees, see page 386)

For requirements for the degree of Doctor of Music, see page 93.

DEGREE OF BACHELOR OF MUSIC

All candidates for this degree must pass the following examinations:—

1. The Matriculation examination.
2. The First examination in Music (at the end of the first year).
3. The Second examination in Music (at the end of the second year).
4. The Final examination in Music (at the end of the third year).

A specimen set of papers for each of the three examinations in Music can be obtained from the Secretary, price 25c each.

The Matriculation Examination

The Matriculation Examination is held yearly, in June, at McGill University and at various centres throughout the Dominion. There is also an examination held in September, but at McGill University only. Candidates for musical degrees are examined in the following:—

1. English (two papers).
2. History (one paper).
3. Two of the following languages:—French, German, Latin, Italian, Spanish (two papers in each of the two languages chosen by the candidate).
4. Algebra or Geometry (one paper).
5. Music (musical intervals, scales, clefs, time signatures, construction of chords, elementary harmony to chord of dominant seventh)—one paper. The paper set is that of the Senior Grade of the local theoretical examination in Music and must be taken by the candidate at the regular examinations held by the Conservatorium in May.

For further information with regard to this examination, and exemption therefrom through the possession of certain equivalent certificates, see page 77. Before being admitted to Undergraduate courses in Music, candidates must satisfy the Dean of the Faculty of Music that they are sufficiently advanced in their chief and second practical studies.

The requirements for examination in the chief practical subject are those of the Senior Local Examination for the current year. In the second practical subject a Junior or even an Elementary grade suffices. If the candidate has talent for and elects to take Composition during the Mus. Bac. course, the Intermediate Grade in one practical subject is sufficient.

First Examination in Music

(a) Harmony in three and four parts.

(b) Strict Counterpoint up to three parts, and answers to Fugue subjects.

(c) Form and analysis. Questions will be given on accent, cadence, metre, rhythm, phrasing, etc., and on form shown in the works of the classic composers.

(d) General outlines of musical history.

(e) Chief and second practical study. One of these may take the form of the composition of a song or songs, *or* a miniature suite for a solo instrument or any combination of instruments.

(f) Viva voce.

Second Examination in Music

(a) Harmony in not more than four parts.

(b) Counterpoint (strict and free) in not more than four parts.

(c) Canon in two parts and fugal exposition up to four parts.

(d) History of music from the 16th century to the present day.

(e) Form and analysis. The candidate must show an intimate knowledge of a few compositions, the names of which will be supplied on application, at least three months before the date of examination.

(f) Elementary knowledge of acoustics *or* physiology of the voice.

(g) Chief and second practical study, *or*, instead of one of these the composition of:—

(1) A movement in sonata form for pianoforte (or piano and violin, or any other combination),

or

(2) A choral movement with independent accompaniment,

or

(3) A suite for strings.

(h) Viva voce.

The possession of the Diploma of Licentiate of Music obtained either under Class I or Class III from McGill University exempts candidates from the necessity of taking the First and Second Examinations for Mus. Bac., and, accordingly, candidates can proceed direct to the Final Examination, provided that they have matriculated.

Final Examination in Music

(a) Harmony up to five parts.

(b) Free Counterpoint, up to five parts, in 16th century style.

(c) Double Counterpoint in 8ve, 10th and 12th.

(d) Canon and fugue in three and four parts.

(e) History of music from the earliest time to the present.

(f) Form and analysis. Knowledge will be required of such works as the following:—Bach's 48 Preludes and Fugues; Beethoven's Pianoforte Sonatas; Schubert's, Schuman's and Brahms' Songs; an Opera *or* an Oratorio; Symphonies and Overtures by Mozart, Beethoven, Brahms, Mendelssohn, Wagner. Candidates must at least three months before the examinations, obtain from the Secretary of the Faculty of Music a complete list of the works upon which the examination papers in this subject will be based.

(g) Instrumentation. A knowledge of the compass and capabilities of all instruments in the modern orchestra and the scoring of a given passage in a given time; also the reading at sight of a short excerpt from an easy score of a classic composer.

(h) A composition to be sent in by the candidate, to be received by the Secretary of the Examining Board not later than the last day of the second week in April, containing four-part chorus, a solo or duet, an unaccompanied quartet and a four-part fugue. The whole work (except the quartet) must be scored for stringed instruments in such a way as to show considerable independence between voices and instruments. If preferred, the composition may take the form of a string quartet or a piece of chamber music for not less than four instruments containing at least three movements.

(i) Viva voce.

REGULATIONS FOR THE DIPLOMA OF LICENTIATE OF MUSIC

(For Fees, see page 386)

Candidates may elect to be examined either in:—

Class 1—Theoretical Subjects and Composition, or

Class 2—Practical Subjects as Performers, or as

Class 3—Teachers in both Theory and Practice.

For details see Announcement of the Faculty of Music.

EXAMINATION REQUIREMENTS FOR PIANOFORTE TEACHERS' DIPLOMA

For details see Announcement of the Faculty of Music.

EXAMINATION FOR CERTIFICATE AS ELEMENTARY SCHOOL MUSIC TEACHER

For details see Announcement of the Faculty of Music.

EXAMINATION FOR CERTIFICATE AS HIGH SCHOOL MUSIC INSTRUCTOR

For details see Announcement of the Faculty of Music.

LOCAL CENTRE EXAMINATIONS IN MUSIC

Recognizing the necessity of helping to raise the standard of musical education in Canada, and at the same time to bring the influence of competent examiners to bear upon instruction, McGill University holds local examinations throughout the Dominion. In view of the fact that it grants Degrees in Music and a Diploma of Licentiate, the University extends its field of work by means of these local examinations, which are preparatory to those for Degrees and Diplomas.

The Examiners are appointed by the Board of Governors of the University, the Chairman of the Examining Board being Mr. Douglas Clarke, Dean of the Faculty of Music and Director of the Conservatorium.

For details see Announcement of the Faculty of Music.

LOCAL CENTRES

The following places have been adopted as centres for public examinations in Music; others will be added as necessity requires, but in all cases the establishment of a centre depends upon a sufficient number of candidates applying. All examinations for Certificates in the Local Grades, as well as some of those for Degrees and Diplomas, are held at these centres:

Amherst.....Hon. Representative: Rev. F. L. Orchard, 1 Rupert St.
Hon. Secretary: Mrs. Geo. R. Shiers, 35 Roby St.

Assiniboia.....Hon. Representative: W. E. Hay, Esq., Superintendent of Schools.

Brandon.....Hon. Representative: Principal of Brandon College Institute.

Brockville.....Hon. Representative: Rev. Dr. Whalley, The Rectory, Park St.
Hon. Secretary: Mrs. M. MacOdrum, West Pine St.

Calgary.....Hon. Representative: A. Calhoun, Esq., City Librarian, Public Library.
Hon. Secretary: George E. Bower, Esq., L.Mus. (McGill), 1214–10th Avenue W.

Campbellton.....Hon. Representative: Judge F. F. Matheson.

Charlottetown.....Hon. Secretary: W. E. Fletcher, Esq., 63 Upper Prince St.

Cranbrook.....Hon. Representative: Principal of the High School.
Hon. Secretary: Mrs. D. Finlayson.

Edmonton.....Hon. Representative: Hon. A. C. Rutherford, 11153 Saskatchewan Drive.
Hon. Secretary: Mrs. O. J. Walker, 11103 Saskatchewan Drive.

Fernie.....Hon. Representative: Mrs. H. J. Johnson.
Hon. Secretary: Miss S. E. West.

Fort Qu'Appelle.....Hon. Representative: W. H. Thompson, Esq.

Fredericton.....Hon. Representative: Dr. H. B. Bridges, Principal of the Normal School.
Hon. Secretary: W. J. Smith, Esq., A.R.C.O., 679 Union St.

Glace Bay.....Hon. Representative: Rev. C. R. F. McLennan, 16 York St.
Hon. Secretary: Miss B. McGregor.

Gladstone	Hon. Representative: Dr. E. H. Whelpley. Hon. Secretary: David B. McHardy, Esq., 200 Manderville St., Winnipeg. Hon. Representative: Dr. G. A. Runnells, 35 Dufferin Street.
Granby	Hon. Secretary: Miss Gertrude Wallace, L.Mus. (McGill).
Halifax	Hon. Representative: Rev. S. H. Prince, Cobourg Road. Hon. Secretary: Miss Ada Hoyt, 3 College St.
Indian Head	Hon. Representative: A. J. Hatfield, Esq. Hon. Secretary: Cecil C. Halleran, Esq., L.Mus. (McGill). Hon. Representative: Mrs. P. H. McCurrach, B.A. L.Mus. (McGill)
Kamloops	Honorary Secretary: Miss Bertha Dillon, Box 716.
Kentville	Hon. Representative: Rev. A. R. Donahoe. Hon. Secretary: Mrs. S. L. Cross.
Kerrobert	Hon. Representative: J. M. Hanbridge, Esq., Barrister. Hon. Secretary: Miss L. G. Miller.
Iroquois Falls and Ansonville	Hon. Representative: Herbert Bourne, Esq., Box 495, Timmins. Hon. Secretary: H. F. Schroeder, Esq.
Kimberley	Hon. Secretary: Miss Janet McKay.
Lethbridge and MacLeod	Hon. Representative: A. J. Watson, Esq., Supt. of Schools, Central School. Hon. Secretary: Mrs. Donald White, L.Mus. (McGill), Box 507 MacLeod.
Macgregor	Hon. Representative: Rev. J. R. Johns.
Maxville	Hon. Secretary: Miss Netta McEwen, Box 294.
Medicine Hat	Hon. Secretary: Mrs. F. Duckworth, 543 Athabasca St. W., Moose Jaw.
Moncton	Hon. Representative: Rev. J. A. Ramsay, The Manse, Alma St. Hon. Secretary, Dr. Geo. Ross, 75 Archibald Street.
Moose Jaw	Hon. Representative: A. H. Gibbard, Esq., City Librarian, Public Library. Hon. Secretary: Chas. F. Nidd, Esq., 1127 Third Ave. N.
Nelson	Hon. Representative: H. E. Dill, Esq., 418 Mill St.

Newcastle.....Hon. Representative: Rev. L. H. MacLean.
Hon. Secretary: Thos. A. Moir, Esq.

New Glasgow.....Hon. Representative: Mrs. J. T. McLeod, Stellarton.
Hon. Secretary: R. G. Humphreys, Esq., Evening News Bldg.

Ottawa.....Hon. Representative: Dr. Duncan Campbell Scott, Government Offices, Booth Bldg.
Hon. Acting Secretary: Kenneth R. Meek, Esq., L.Mus., 350½ Somerset Street W.

Pembroke.....Hon. Secretary: Miss E. Moore, R.R. No. 1, Pembroke, Ont.

Penticton.....Hon. Representative: Rev. Canon G. Thompson.
Hon. Secretary: Miss Monica L. Craig, L.A.B.

Peterboro.....Hon. Representative: Rev. Dr. Blagrave.
Hon. Secretary: F. G. Mann, Esq., 199 London St.

Pictou Academy.....Hon. Representative: C. L. Moore, Esq., M.A.
Hon. Secretary:————————

Plattsburgh, Saranac Lake, Ogdensburg, Chazy.....Hon. Representative: J. A. McHattie, Esq.
Hon. Secretary:————————

Malone.....Hon. Secretary: Miss Isabelle Douville.

Quebec.....Hon. Representative: Dr. G. W. Parmelee, Parliament Bldgs.
Hon. Secretary: Capt. Charles O'Neill, Mus. Doc., The Citadel.

Regina.....Hon. Representative: President of Regina College.
Hon. Secretary: H. J. Record, Esq., 3327 Dewdney Ave.

Renfrew.....Hon. Secretary: F. W. Hopson, Esq.

Rothesay.....Hon. Secretary: Miss A. Davidson, L.Mus. (McGill).

St. John.....Hon. Representative: Rev. C. Gordon Laurence, M.A., 50 Orange St.
Joint Hon. Secretary: J. S. Ford, Esq., 6 Germain St.
Miss Eileen Gillis, 4 Wellington Row.

Saskatoon.....Hon. Representative: W. A. Gilchrist, Esq., Canada Bldg.
Hon. Secretary: Geo. C. Palmer, Esq., 652 University Drive.

Sherbrooke.....Hon. Representative: W. O. Rothney, Esq., M.A., Ph.D., Bishop's University, Lennoxville.
Hon. Secretary: Wright W. Gibson, Esq., B.A., High School.

Stellarton.....Hon. Representative: Mrs. J. T. McLeod.
Hon. Secretary: L. N. Miller, Esq., L.Mus. (McGill).

Sydney Mines.....Hon. Representative:————
Hon. Secretary: H. A. Briers, Esq.

Timmins.....Hon. Representative: E. J. Dickson, Esq., Magor.
Hon. Secretary: Mrs. J. H. Faithful, Timmins College of Music.

Three Rivers.....Hon. Representative: Rev. J. R. MacLeod, B.A.

Truro.....Hon. Secretary: Miss M. M. Carter, 135 Dominion Street.

Vancouver.....Hon. Representative: G. E. Robinson, Esq., B.A., British Columbia University.
Hon. Secretary: Mrs. J. A. C. Harkness, B.A., L.Mus. (McGill), Suite 314, Shaughnessy Lodge, 1298–10th Ave. W.

Victoria.....Hon. Representative: Rev. Norman E. Smith, St. Barnabas Rectory.
Hon. Secretary: Dr. J. E. Watson, 617 Fort St.

Winnipeg.....Hon. Representative: John Parton, Esq., 356 Main St.
Hon. Secretary: Miss Kathleen Robson, Mus. Bac. (McGill), 321 Dromore Ave.

Wolseley.....Hon. Representative:————
Hon. Secretary: Mrs. Anna P. Thomson.

Yarmouth.....Hon. Secretary: Miss B. A. Posamonick, c/o Mrs. J. J. Clarke Robins, Willow St.

FACULTY OF GRADUATE STUDIES AND RESEARCH

GENERAL STATEMENT

The Faculty of Graduate Studies and Research directs and controls all courses leading to the higher degrees and recommends candidates for these degrees.

The members of the Faculty are the Deans of the other University Faculties and all Professors and Associate Professors who conduct advanced courses of study or who superintend advanced research work leading to the degrees awarded by the Faculty. Other members of this University may be elected members of the Faculty in full session upon proper notice of motion.

Appointments to the Faculty are subject to the approval of the Board of Governors on recommendation by the Principal.

There are two main divisions of the Faculty, known as "The Arts Division" and "The Science Division," respectively. The Arts Division includes the following departments of study, viz., Classics, Chinese Studies, Economics and Political Science, Education, English, Germanic Languages, History, Law, Music, Oriental Languages, Philosophy, Romance Languages, Sociology, and Theological Studies. The Science Division includes all other departments of study represented in the Faculty. The Departments of Mathematics and Psychology are, however, members of both divisions.

These divisions have full power to discuss all matters and to make all rules and regulations affecting the admission of students to their departments and the requirements for all degrees awarded for work in these departments. Each division shall meet at least once annually in the month of April for the election of officers and of committees and for general business.

Each division of the Faculty elects annually a Divisional Committee of not less than four, and not more than nine, including the Dean; the one to be called "The Committee of Graduate Studies in Arts," and the other "The Committee of Graduate Studies in Science." These committees, subject to the direction and approval of their proper divisions, examine and pass upon the academic records of all students, including lectures, seminars, and all other forms of graduate study. When the Dean of the Faculty has any doubt that a student's qualifications for admission or his subsequent record is entirely satisfactory, he calls these cases specially to the attention of the proper committee for its decision. These committees also recommend all candidates for degrees to the Faculty in full session.

The Dean is a member, and chairman, of both divisions, and of all general committees of the Faculty, and all meetings thereof are called by him or under his direction.

There is an Executive Committee of the Faculty, consisting of the Dean and two members appointed by and from each Divisional Committee; this committee, subject to the direction and approval of the Faculty, deals with all matters of general policy and over all executive matters as, for example, the annual calendar, the preparation of the annual announcement, finances, fees, registration, and all matters of routine.

ADMISSION

Advanced courses of instruction are offered to students who are graduates of any university of recognized standing. These students are generally those who have at least second class honour standing or the equivalent of at least second class honours from McGill University in the subject in which they desire to take their major work. Admission to these advanced courses does not in itself imply candidacy for a higher degree.

CLASSES OF STUDENTS

1. Those who are fully approved by the Divisional Committees are termed "graduate students."

2. Those qualified students who are permitted to take one or more courses in the Graduate Faculty, without intention of proceeding to a degree, are termed "partial students of the Graduate Faculty."

3. Those who have not entirely reached the requisite standard of "at least a good second class standing in an honours course or its equivalent," may be recommended by the Department for admission to the Graduate Faculty as "qualifying students in the Graduate Faculty."

4. Those students who are not sufficiently prepared to rank as "qualifying students" can apply to the respective Faculties for admission to undergraduate studies. These students are not registered in the Graduate Faculty, but must register as partial students in the undergraduate faculty in which they take courses.

REGISTRATION

Application for registration as a graduate student should be made to the Dean of the Faculty of Graduate Studies and Research. The application must be made in triplicate, every session, on special printed forms which may be obtained at the Dean's Office.

Candidates must consult the department or departments in which they intend to study regarding the course they desire to pursue, in time to attend the regular courses of instruction which begin on September 29th, 1932. Formal application for permission to attend courses must be filled up by the student, and signed by the head or heads of these depart-

ments and by the professors under whom the applicant intends to study, and filed with the Dean of the Faculty as early as possible, and at the latest October 8th.

The applicant will give the necessary information with reference to the courses of undergraduate study which he has followed, his standing in the major subject or subjects, his degrees, and in cases of other than McGill graduates, a registrar's certificate of his academic standing from his college or university. As soon as the candidate's course has been approved by the division of the Faculty concerned, he must register without delay at the offices of the University Registrar. He will not be given credit for attendance until he does so. Candidates must register and pay their fees not later than October 31st; otherwise the fee of $10.00 for late registration will be enforced. Candidates whose courses extend for more than one year *must register at the commencement of each year of their course. If not registered at the beginning of the academic year, as provided above, the candidate will not be eligible for the degree at the following Spring Convocation.*

Candidates who have completed their courses, who have not yet presented their theses, and who are no longer in residence at McGill University, must each session fill three application forms, send them to the Dean for approval, and pay the registration fee of $5.00.

DEGREES

Graduate students may proceed to one or other of the following degrees:—Master of Arts, Master of Science, Master of Engineering, Master of Commerce, Master of Civil Law, Doctor of Philosophy, Doctor of Civil Law, Doctor of Literature, Doctor of Science, Doctor of Music.

COURSES AT MACDONALD COLLEGE

Graduate students who are taking the major part of their work at Macdonald College may go into residence there and can take, when required, other graduate courses given at the University.

Students wishing to reside in Macdonald College should send in their application for accommodation to the Superintendent as soon as possible.

FELLOWSHIPS, SCHOLARSHIPS AND MEDALS

In several Departments graduate students are eligible for demonstratorships and instructorships. Information concerning these may be obtained from the Heads of the Departments concerned.

THE GOVERNOR-GENERAL'S SILVER MEDAL is awarded for graduate research work in Science.

THE MCGILL DELTA UPSILON MEMORIAL SCHOLARSHIP.—Founded by the McGill Chapter of the Delta Upsilon Fraternity in memory of the

members of that Chapter who gave their lives in the Great War. This scholarship is open to graduates of the University. The Selection Committee will consider:—(a) The general scholarship of the candidate; (b) His need of financial assistance for further study; (c) The general usefulness to the community of the special branch of study he proposes to follow; (d) The likelihood that the candidate will reflect credit on the University. The present value of the scholarship is about $900.

Application should be made to the Registrar before April 1st.

THE LEROY MEMORIAL FELLOWSHIP IN GEOLOGY.—This was established by some friends of Captain O. E. LeRoy (Arts, 1895), who was killed in the Battle of Passchendaele, in October, 1917. It is awarded annually to a McGill graduate proceeding to post-graduate studies in Geology at McGill University. The recipient may be called upon to assist in the teaching work of the Department. This Fellowship is awarded by the Head of the Department in consultation with the Principal. It is of the annual value of $600.

THE T. STERRY HUNT RESEARCH SCHOLARSHIP (value $750 for one year.)—This scholarship is open to graduates in Chemistry and Chemical Engineering who have completed their courses for the degree of M.Sc. or Ph.D. and have shown high capacity for research.

RESEARCH FELLOWSHIPS.—Three research and teaching fellowships, of $750 each, have been established in the Mining Department—one endowed in memory of the late Sir William Dawson, one endowed by the late Dr. James Douglas, and a third, of a slightly less value, supported by graduates in Mining in memory of the late Dr. B. J. Harrington. All three fellowships are awarded annually if suitable candidates offer.

A research and teaching fellowship of the value of $80 per month during the University session is offered to students graduating in the Metallurgical Department. The holder spends two-thirds of his time in research and study for the M.Sc. degree, and one-third in teaching and other work for the Department.

THE JOHN BONSALL PORTER SCHOLARSHIP.—This scholarship, founded by Dr. W. W. Colpitts, is open to graduate students proceeding to the degree of M.Sc. in Civil Engineering. It is expected that the income of the scholarship for 1932–33 will be $300. Applications, which in the case of graduates of other universities, must be accompanied by duly certified statements of academic standing and letters of recommendation, should be in the hands of the Dean of the Faculty of Engineering not later than June 15th.

The following three graduate Fellowships are awarded annually in the Department of Economics and Political Science usually to graduates of Canadian Universities:—

THE ALLEN OLIVER FELLOWSHIP, tenable at McGill University or elsewhere, as sanctioned by the department; $500 for one year.

THE MONTREAL MANUFACTURERS' GRADUATE FELLOWSHIP; $800 for one year. The holder must devote himself especially to a subject connected with the trade and industry of Canada.

THE GRADUATE (WORKING) FELLOWSHIP; $800 a year. The holder devotes one-third of his time to the correction of junior exercises, etc., in the Department of Economics and Political Science.

MACDONALD COLLEGE AGRICULTURAL ALUMNI ASSOCIATION GRADUATE SCHOLARSHIP.—In memory of graduates and undergraduates of the Faculty of Agriculture who died in service during the Great War, 1914–1918; created, in connection with the Centennial Campaign, 1920, through subscriptions of graduates, undergraduates, members of the staff and other friends; of a present value of about $260 and available to any graduate in Agriculture of Macdonald College (McGill University) for graduate work in agriculture at any college or university of recognized standing. The holder is chosen by a committee appointed by the executive of the Macdonald College Agricultural Alumni Association, and application should be addressed to:—Mr. Emile A. Lods, General Secretary, Macdonald College, P.Q.

PROVINCE OF QUEBEC SCHOLARSHIPS.—Fifteen scholarships are granted annually by the Government of the Province to graduates desirous of completing their studies in Europe. These Scholarships are each of the value of $1,200 per annum. They are awarded in the first instance for one year, but their tenure may be extended to three years if the work of the holder is satisfactory. Two or three of these are generally awarded to graduates of McGill University.

Candidates are required to make application to the Principal, supported by a recommendation from the Dean of their Faculty and if they wish by other recommendations. Candidates must be Canadians, bona fide residents of the Province of Quebec, and not over twenty-five years of age. Applications must be in the Principal's Office before May 15th.

SCIENCE SCHOLARSHIPS GRANTED BY HER MAJESTY'S COMMISSIONERS FOR THE EXHIBITION OF 1851.—These scholarships, at least £250 a year, are tenable for two, or, in rare instances, three years. They are limited, according to the Report of the Commission, "to those branches of science such as physics, mechanics and chemistry, the extension of which is especially important to our national industries." Their object is to enable students to continue the prosecution of science with the view of aiding in its advance or in its application to the industries of the country.

They are open to students of not less than three years' standing who have shown evidence of capacity for original research and are tenable at any institution approved by the Commission.

Three of these Scholarships are allotted to Canada each year, the scholars being chosen by the Commission from the nominees of certain Universities, among which McGill is included. Applications should be made to the Registrar before March 15th.

NATIONAL RESEARCH COUNCIL SCHOLARSHIPS.—Bursaries, Studentships, and Fellowships, of $600, $750, and $1,000 respectively will probably be awarded in 1933 by the National Research Council to highly qualified graduates in Science. Further particulars may be obtained from the Registrar's Office.

THE MOYSE TRAVELLING SCHOLARSHIPS.—Two scholarships of the value of $1,500 each, known as The Moyse Travelling Scholarships, tenable for one year, have been founded by Right Honourable Lord Atholstan, to commemorate the "splendid services of Dr. Charles E. Moyse, for forty-two years Professor of English, during sixteen of which he was Dean of the Faculty of Arts and Vice-Principal of the University."

These scholarships are awarded by the Faculty of Arts and Science, one for distinction in literary subjects, and the other for distinction in scientific subjects. If a deserving applicant in one of these divisions is not forthcoming, both scholarships may be awarded to applicants who belong to the other. The holder must devote the period of the tenure of the scholarship to advanced study, preferably in a British or European university, but not to the exclusion of other universities.

Applications are to be made to the Dean of the Faculty of Arts and Science, before the first of April each year.

POST-GRADUATE SCHOLARSHIPS GRANTED BY THE IMPERIAL ORDER OF THE DAUGHTERS OF THE EMPIRE.—Nine are offered annually—one for each province. They are of the value of $1,600 and have been founded "to enable students to carry on studies at any university in the United Kingdom, in British and Imperial history, the economics and government of the Empire and Dominion, or any subject vital to the interests of the Empire." Applications for the Scholarships to be held in 1933-34 should be made before October 1932.

Full details may be obtained from the Educational Secretary of the National Chapter of Canada, 416 Bloor Street East, Toronto, 5, Ont.

THE RHODES SCHOLARSHIPS.—These scholarships of £400 a year are tenable for two years at the University of Oxford. A third year may be granted under certain conditions.

Candidates must be British subjects with at least five years domicile in Canada and be between the ages of nineteen and twenty-five.

Two scholars are chosen annually from the Province of Quebec, and men students in any faculty may apply.

For further details of tenure, eligibility and qualifications, and for application forms apply to the Registrar's Office.

ROYAL SOCIETY OF CANADA FELLOWSHIPS.—Ten research fellowships, each of $1,500, open on equal terms to men and women may be awarded in 1933. They are tenable normally outside Canada only.

Candidates should have at least a Master's degree. Further particulars may be obtained from the Registrar's Office.

UNIVERSITY WOMEN'S FEDERATION SCHOLARSHIP.—The Scholarship of the Canadian Federation of University Women, of the value of $1,250, available for study or research work, is open to any woman holding a degree from a Canadian University. In general, preference is given to those candidates who have completed at least one or two years of graduate study and have a definite research in preparation. The award is based on evidence of character and ability of the candidate and promise of success in the subject to which she is devoting herself.

The choice of the University at which the successful candidate is to pursue her study or research work is left to the Committee of Selection in consultation with the candidate.

Full information can be obtained from the Convenor of the Scholarship Committee, Dr. A. V. Douglas, Physics Building, McGill University.

Applications must be received not later than February 1st.

WADDELL LOAN FUND

Loans from this Fund, which was founded by J. B. Waddell, Esq., may be made to graduate as well as undergraduate students in any department of Engineering. Application should be made to the Dean of the Faculty of Engineering.

FELLOWSHIPS AND SCHOLARSHIPS OPEN TO GRADUATES IN MEDICINE

THE A. A. BROWNE MEMORIAL FELLOWSHIP.—With $10,000 received from the A. A. Browne Memorial Fund, the A. A. Browne Memorial Fellowship has been established. It is open to graduates of any recognized Medical School and is for the advancement of medical science, special preference being given to the subjects of obstetrics and gynæcology.

THE JOHN MCCRAE FELLOWSHIP.—A fellowship of approximately $600, founded in 1918 as a yearly donation by Mr. H. J. Fuller, of New York, in memory of the late Lt.-Col. John McCrae, for research in Experimental Surgery. Established as a permanent fellowship in 1920 by Mr. Fuller and the Canadian Fairbanks-Morse Company.

THE JOHN W. FLINN RESEARCH FELLOWSHIP.—In 1921, Dr. John W. Flinn, of Prescott, Arizona, gave the sum of $5,000 to be used for the assistance of medical research in tuberculosis.

THE HIRAM N. VINEBERG FELLOWSHIP in Gynæcology, of the value of $250 per annum, donated in 1924 by Dr. Hiram N. Vineberg, of New York, who graduated at McGill University in 1878.

THE CLARA LAW FELLOWSHIP of $1,200 per annum founded in 1927 by Mrs. J. R. Fraser for research in the laboratory of the Department of Obstetrics and Gynæcology.

WOMEN STUDENTS

Women students registering in this Faculty are invited to call at the Royal Victoria College for information concerning the following:—

1. The Alumnæ Society of McGill University, for membership in which they are eligible.

2. The University Women's Club, 3492 Peel St. (including residence accommodation), for membership in which they are eligible.

3. The Monteregian Club, 3426 McTavish St., (including residence accommodation), for women engaged in educational work and others, for membership in which they are eligible.

They can also obtain from the Secretary of the Royal Victoria College the addresses of boarding houses in Montreal, and they may, if they wish, make arrangements to obtain luncheon in the College.

MAJOR AND MINOR SUBJECTS

A higher degree is granted in the Faculty of Graduate Studies essentially for work in one subject, known as the student's *major subject*. In certain cases, a *minor subject* may also be taken if this subsidiary subject is approved by the head of the department which has charge of the major subject and by the head of the department of the minor subject. A student should determine whether he is to take a minor subject or not by consulting the head of the department of his major subject.

RESIDENT GRADUATE STUDY

1. *Normal Procedure for the Master's Degree.*

When a student enters the faculty he interviews the head of the department of his major subject and is assisted in the selection of his courses. He is then directed to consult the professor under whose general direction his research work and his thesis will be completed. The courses and the subject of the thesis have then to be submitted to the Dean for approval by the Faculty. Three application forms must be obtained from the Dean's secretary, filled, signed, and returned before October 8th. Fees must be paid before the end of October, as soon as the application form has been marked approved and returned.

At the end of the first session the student must write the examinations of the courses he has taken and the marks or classes he obtains are part of his qualifications for the degree. If the thesis is now accepted the student is eligible for the Master's Degree.

During his work for the Master's Degree and for the Ph.D., if he continues, the student is usually given opportunities of presenting short papers and conducting occasional classes.

2. *Continuation for the Ph.D.*

A student who has obtained his Master's Degree at McGill University or elsewhere and is proceeding to a Ph.D. counts the work done for the former as the first year of his resident study for the Doctor's degree. With the assistance of his professors, the student selects courses, which must be approved, and continues his researches. Application forms must be filled and fees paid, as stated above.

At the end of his second year he must write a searching examination upon the whole major subject. In his third year the number of lecture courses is diminished and the student concentrates upon his research work and his thesis. If his thesis is accepted there is a final oral examination on his research work and thesis.

The above gives the normal procedure of a continuously successful student, but students may take longer to obtain the degree, which is awarded only for excellence of standard and by no means for time of residence. In some cases students proceed to a Ph.D. without a Master's degree, but this is not generally recommended.

GENERAL RULES

1. Members of the teaching staff of the University who are also students in the Graduate Faculty and who give more than three hours of lectures or six hours of conference work or twelve hours of supervisory work in laboratories per week; or any student doing an equivalent amount of work inside or outside the University, may not obtain the Master's degree in one year, and will require at least four years for the degree of Ph.D.

2. No full-time student registered in any professional faculty of the University may register for a Graduate Degree without the special permission of both Faculties in full session.

3. Candidates for the Master's degree will be admitted to the Faculty only if they have obtained at least second class Honours at McGill University, or the equivalent of second class Honours, in the subject or subjects they propose to study. In any case, the approval of the department concerned and of the Arts or Science Division Committee is required for admission to the Graduate Faculty.

Candidates who cannot comply with this requirement must make good their deficiencies by at least one preparatory year at the University devoted mainly or wholly to advanced undergraduate study in these subjects.

4. Each department has full liberty to recommend or require a student to take a course or courses in another department.

CLASSIFICATION OF MARKS

100–80%	First Class
79–70%	Second Class
69–60%	Third Class
Below 60%	Failure

GENERAL REGULATIONS FOR THE DEGREE OF MASTER OF ARTS (M.A.)

Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Arts is provided in the following departments of study, which rank as "subjects":—

Botany
Chemistry
Chemistry (Macdonald College)
Chinese Studies
Classics
Economics and Political Science
Education
English Language and Literature
Geological Sciences
Germanic Language and Literature
History
Mathematics
Oriental Languages
Physics
Philosophy
Psychology
Romance Languages and Literature
Sociology
Zoology

Certain Theological studies may be taken as a minor subject only. See page 404.

The requirements for the degree are as follows:—

1. Candidates must hold the degree of B.A. They must have obtained at least a second class in an Honours course at McGill University, or its equivalent.

2. One or two subjects may be taken.

3. Candidates must select one major subject. A minor subject may be selected with the consent of the Head of the Department in which the major subject is taken, subject to the advice of the Head of the Minor Department. The candidate must pass examinations in all the courses of his subject, or subjects.

4. The candidate shall also present a thesis on some topic connected with his major subject. The title of his thesis must have been previously submitted to the Head of the Department concerned and to the Divisional Committee concerned for their approval in writing. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style.

For further information regarding theses, see page 413.

REGULATIONS FOR THE DEGREE OF MASTER OF SCIENCE (M.Sc.)

Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Science is provided in the following departments of study:

Agronomy
Anatomy
Animal Industry
Bacteriology
Bacteriology (Agricultural)
Bio-chemistry
Botany
Chemistry
Chemistry (Macdonald College)
Civil Engineering and Applied Mechanics
Electrical Engineering
Entomology
Experimental Medicine and Surgery
Geological Sciences
Mathematics
Mechanical Engineering
Metallurgical Engineering
Mining Engineering
Pathology
Pharmacology
Physics
Physiology
Plant Pathology
Zoology

The requirements for the degree are as follows:

1. Candidates must hold a Bachelor's degree with at least second class in an Honours Course at McGill University, or its equivalent. Candidates with an M.D. degree must have attained high standing.

2. A candidate must select one major subject. A minor subject may be selected with the consent of the Head of the Department in which the major subject is taken, and with the consent of the Head of the Minor Department. The candidate must pass examinations in all the courses of his subject, or subjects.

3. The candidate must also present a thesis on some topic connected with his major subject. The title of the thesis must have been previously submitted to the Head of the Department and to the Divisional Committee concerned, and have received their approval in writing. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style.

For further information regarding theses, see page 413.

REGULATIONS FOR THE DEGREE OF MASTER OF ENGINEERING (M. Eng.)

In the year 1931 the Faculty of Arts changed its title and organization to the Faculty of Arts and Science, and at the same time the Faculty of Applied Science change its title to the Faculty of Engineering, thereafter

giving a B.Eng. degree. In consequence the M.Eng. degree was instituted under the following general regulations:

> To be eligible for the Degree of Master of Engineering, the candidate must hold the Degree of Bachelor of Engineering, or an equivalent degree, and his undergraduate academic rank must, in general, be equivalent to high second-class standing.
>
> The establishment of the Degree of Master of Engineering does not prevent a properly qualified holder of the Degree of Bachelor of Engineering, or the equivalent, from proceeding to the Degree of Master of Science in pure science.

Instruction for the degree of Master of Engineering is given in the following departments of study, which rank as subjects, in which definite courses may be selected:

Civil Engineering
Electrical Engineering.
Mechanical Engineering
Metallurgical Engineering
Mining Engineering

A candidate must select one major subject. A minor subject may be selected with the consent of the Head of the Department in which the major subject is taken, subject to the advice and consent of the Head of the Minor Department. The candidate must pass examinations in all the courses of his subject, or subjects.

The candidate must also present a thesis on some topic connected with his major subject. The title of the thesis must have been previously submitted to the Head of the Department and to the Divisional Committee concerned, and have received their approval in writing. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style.

For further information regarding theses, see page 413.

THE DEGREE OF MASTER OF CIVIL LAW (M.C.L.)

Instruction in the Faculty of Graduate Studies and Research leading to the degree of Master of Civil Law is provided in the following departments of study which rank as "subjects:"

Roman Law
Civil Law
Commercial and Maritime Law
Public Law

(Courses in all subjects will not necessarily be offered each year.)

The requirements for the degree are as follows:

1. Candidates must hold the degree of B.C.L. from McGill University or its equivalent. They must be well qualified students who have obtained at least second class honours in the subject which they propose to take and in the course as a whole.

2. One only of the above subjects shall be taken.

3. The candidate shall also present a thesis on some topic connected with his subject, see page 413 of the Calendar.

4. (a) Each candidate will be required to take at least one course in his subject involving at least one year of resident study.

(b) In addition he will be required to meet in personal conference, at least once a week, the professor under whose supervision he is preparing his thesis.

For further details consult the Secretary of the Faculty of Law.

THE DEGREE OF MASTER OF COMMERCE (M. Com.)

1. The candidate must hold the Degree of B. Com.

2. Graduates of the School of Commerce at McGill must have passed the full course in Economics laid down in the undergraduate curriculum with at least a creditable average second class standing.

3. Graduates of other universities must offer the equivalent of the McGill requirements in Economics and Political Science.

4. Application for admission must be approved by the Head of the School of Commerce and the Head of the Department of Economics.

5. The candidate must pass the requisite examinations in the selected courses of his subjects for the Master's degree.

6. The candidate must also present a thesis on some topic connected with his major subject. The title of his thesis must have been previously submitted to the Head of the Department, and to the Divisional Committee concerned, for their approval in writing. The thesis must be in some measure a contribution to knowledge and must also be written in good literary style.

REGULATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY (Ph.D.)

1. Candidates for the degree of Doctor of Philosophy must hold the degree of B.A. with Honours, or B.Sc. with Honours, or B.S.A. with Honours, or M.D. with Honours from McGill University or its equivalent.

2. They must follow a course of at least three years' resident study at a University or other institution of higher learning or research. Of these three years, at least one year for graduates of McGill and two years for candidates who are not graduates of McGill, must be spent at this University, including preferably the final year. The other years may be spent at institutions approved by the Faculty. Special exceptions regarding resident study may be made with the consent of the proper Divisional Committee and the Faculty. The evaluation of work done in other institutions for the degree is decided by the proper committee of the Division of the Faculty, and this committee may require the student to attend before them to report on his work, and may require him to pass a special examination on his work.

3. They must select one major subject. A minor subject may be selected, with the consent and approval of the Head of the Department in which the major subject is, subject to the advice and agreement of the Head of the Minor Department.

Courses leading to the degree of Doctor of Philosophy are offered in the following as major subjects:—

Bacteriology
Bio-chemistry
Botany
Chemistry
Economics and Political Science
Entomology
Experimental Medicine and Surgery
Geology
History
Oriental Languages
Pathology
Pharmacology
Physics
Physiology
Psychology
Zoology

In special cases, Heads of Departments may be able to provide courses in other subjects which will lead to this degree. Candidates, therefore, desiring to proceed to the degree of Doctor of Philosophy in other Departments than those mentioned above should make direct application to the Dean of Graduate Studies and Research, asking whether courses in such subjects can be provided.

4. The course of study which the candidate desires to follow must, before he enters upon it, have been submitted to the Heads of the several Departments concerned and to the Divisional Committee concerned, and have received their written approval.

5. Every candidate must satisfy the Faculty of Graduate Studies and Research that he has a reading knowledge of French and German.

The examination is set by the Department in which the candidate is taking his major; the passages chosen will be typical of the literature of his major subject. The Departments of Romance and Germanic Languages will act as examiners. The Departments concerned may conduct the examination if they so desire.

Candidates are advised to take one language at the commencement of their first year and the other at the commencement of the second year, but both language tests should be passed not later than one month before the preliminary Ph.D. examination.

6. The first two years include instruction, training and direction in the candidate's field of study, with the object of giving him a knowledge of his particular subject and its relation to cognate branches of learning and of preparing him for independent investigation.

The candidate's preliminary examination is held at the end of the second year, or at a time selected by the Head of the Major Department. This examination covers all graduate work previously taken by the candidate, including his prescribed reading and may also include any work fundamental thereto. The candidate must show that he possesses a good general knowledge of the whole science or branch of learning which he has selected as his major subject. The examination is both written and oral.

The result of this examination determines whether the candidate is allowed to proceed to his degree. The final year is devoted chiefly to the preparation of his thesis or dissertation.

After his thesis has been received and approved, a special and more searching final oral examination on the subject of his dissertation and subjects more intimately related to it will be held. This will be conducted in the presence of a committee of at least four of the Faculty of Graduate Studies.

7. The thesis for the Doctor's degree must display original scholarship expressed in satisfactory literary form and be a distinct contribution to knowledge. The subject of this thesis must have been approved, in writing, by the Head of the Department in which the major subject lies, and also by the Faculty of Graduate Studies and Research, at least twelve months before the date of the final examination.

Theses for the Fall Convocation must be in the hands of the Dean of the Faculty on or before noon, September 3rd.

8. Three copies of the thesis must be provided by the candidate.

9. For the special regulation regarding the Ph.D. Thesis in Economics, see page 436 and for further information regarding theses generally, see page 413.

REGULATIONS FOR THE DEGREE OF DOCTOR OF CIVIL LAW (D.C.L.)

Any person who has graduated as B.C.L. from McGill University may after seven years from such graduation proceed to the degree of Doctor of Civil Law, provided he has distinguished himself by eminent services in the domain of law, and provided he has written a thesis on a subject previously approved by the Faculty of Graduate Studies and

Research, and that such thesis has been adjudged by that Faculty to be a valuable contribution to legal science. The candidate may, instead of a thesis, submit a published book or books dealing in a scientific way with some branch or branches of law. A very high standard is required for this degree, but it does not call for any resident graduate study in the University.

REGULATIONS FOR THE DEGREE OF DOCTOR OF LITERATURE (D. Litt.)

Bachelors of Arts of McGill University who are graduates of at least seven years' standing, and who have distinguished themselves by special research and learning in the domain of arts and literature, may submit their published works to the Faculty of Graduate Studies and Research and apply for the degree of Doctor of Literature. A very high standard is required for this degree, but it does not call for any resident graduate study at the University. Graduates of other universities are not eligible for this degree.

REGULATIONS FOR THE DEGREE OF DOCTOR OF SCIENCE (D.Sc.)

Bachelors of Arts, Bachelors of Science or Doctors of Medicine of McGill University who are graduates in one or other of these Faculties of at least seven years' standing and who have distinguished themselves by special research and learning in the domain of science, may submit their published works to the Faculty of Graduate Studies and Research and apply for the degree of Doctor of Science. A very high standard is required for this degree, but it does not call for any resident graduate study at the University. Graduates of other universities are not eligible for this degree.

REGULATIONS FOR THE DEGREE OF DOCTOR OF MUSIC

Bachelors of Music of McGill University, after a lapse of a period of seven years from the time of taking the degree of Bachelor of Music, may proceed to the degree of Doctor of Music, the requirements for which are a composition in extended form, such as an oratorio, opera or cantata. This exercise must have as its first number an introductory orchestral movement in the form of a concert overture, must contain some eight-part writing and fugal treatment, and must be scored for a full orchestra. If preferred, a candidate may present a composition scored for full orchestra in the form of a symphony, symphonic poem or tone poem occupying no less than forty minutes in performance. The University may, if it elects to do so, order the candidate to give a public performance of this original and unaided composition, when approved by the examiners, in some public building connected with the University.

In addition, an examination in the higher forms of composition is necessary, together with a critical knowledge of the full scores of certain prescribed work.

Graduates of other Universities can, on payment of the necessary fees, be admitted "ad eundem" to the Degree of Mus. Bac., if they wish to proceed to the further degree of Mus. Doc., provided they secure permission to do so from the executive of the Faculty of Graduate Studies and Research, the period of seven years referred to above to be counted from the date on which they received the degree of Bachelor of Music from their own University.

REQUIREMENTS FOR MUS. DOC.

Harmony up to eight parts; Counterpoint up to eight parts (Strict and free); Instrumentation; Canon four and two; Fugue up to five parts; History of Music; Form and Analysis based on knowledge of Beethoven's nine symphonies, Brahms' second and third symphonies, a Strauss Tone Poem, Death and Transfiguration, Wagner's Meistersinger and Tannhauser Overtures, either Bach's St. Matthew Passion or Beethoven's Mass in C, and Mozart's Magic Flute or Wagner's Parsifal.

REGULATIONS CONCERNING THESES

In the case of students who wish to graduate at the Spring Convocation, all theses for a Master's degree must be handed to the Dean of the Faculty of Graduate Studies and Research not later than noon, April 29th. Theses for the degree of Ph.D. must be handed in on or before April 25th.

All theses for the degree of Master of Science, or of Engineering which involve experimental work, must be in the hands of the Dean not later than noon, May 13th.

In the case of students who wish to graduate at the Fall Convocation, their theses must be in the hands of the Dean of the Faculty of Graduate Studies and Research not later than noon, September 3rd.

Owing to the fact that all theses submitted by successful candidates for higher degrees are bound and placed in the Library, candidates for such degrees are advised that the Faculty of Graduate Studies and Research requires these to be prepared in a uniform manner and in accordance with the following specification:—

(1) The paper is to be of uniform size, 8½ x 11 inches, and of substantial quality.

(2) The left-hand margin is to have a uniform width of about 1½ inches. Drawings larger than the prescribed page should be folded in the manner most suitable for binding.

(3) All theses must be typewritten and in triplicate. Ultimately one copy is deposited in the McGill Library, one in the Departmental Library, and one is returned to the candidate.

(4) No binding is necessary, but the loose sheets must be placed in a manila envelope in the order of their pagination.

(5) All copies of the thesis must be double-spaced and free from typographical and other errors, otherwise they will be returned to the candidate for revision, with possible consequent delay in the granting of the degree.

(6) Every thesis should have an abstract or sufficient table of contents, and a thorough bibliography on the subject. Scientific theses should also contain an introductory historical statement of previous work or investigation, and a summary. In the case of the Ph.D. degree, there should be a clear statement of the claim of original work or contribution to knowledge of the author.

(7) On a separate sheet there must be a statement giving the name of the author, the title of the thesis, and a brief summary not exceeding 150 words.

In the case of candidates presenting themselves for the degree of Doctor of Science, Doctor of Literature or Doctor of Civil Law, two copies of the book or books—or for the degree of Doctor of Civil Law, should a thesis be substituted, two typewritten copies of the thesis—must be submitted to the Dean of the Faculty of Graduate Studies and Research not later than *February 14th* of the year in which the candidate desires to take the degree.

COURSES OF GRADUATE STUDY

DEPARTMENT OF AGRONOMY

(Macdonald College)

PROFESSOR OF AGRONOMY:—ROBERT SUMMERBY

ASSISTANT PROFESSORS:—L. C. RAYMOND, E. A. LODS

LECTURER:—J. N. BIRD

The Department is well equipped to conduct research with crop plants particularly in relation to breeding. A greenhouse is available for crop studies during the winter. Facilities are also provided in the Chemistry Department for students in agronomy to make chemical analyses.

The Department's programme of research and plant breeding furnishes a large amount of data and material for work in crop and plant breeding studies, more particularly inheritance, research technique, and soil heterogeneity.

All the important periodicals, scientific journals, books and bulletins on agronomy and related subjects, are available to students in either the McGill, Macdonald College or Agronomy Department Libraries.

Students whose major subject is Agronomy may elect, or may be required to take courses in allied subjects.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Candidates who take agronomy as a major subject must have had a good training and achieved high standing in agronomy, botany, chemistry, and genetics. Those who have not had adequate training in these subjects must rectify any such deficiency.

A. Crop Production. This course deals with the important factors of soil productivity and crop growth, and the relation of these to methods and practices of crop production.

Two lectures and one laboratoy period per week for one term.

Professor Raymond.

B. Experimentation. This course deals with the factors involved in agronomic investigations, technique, statistical methods and their application to the interpretation of results.

One lecture and two laboratory periods per week for one term.

Professor Summerby.

C. Forage Crops. This course includes a study of classification, adaptation, production, uses, breeding, and investigation work in these subjects.

(a) Hay and Pasture Crops.
(b) Corn and Roots.

Two lectures and two laboratory periods per week for two terms.

Professor Raymond and Mr. Bird.

D. Grain Crops. This course includes a study of classification, adaptation, production, uses, breeding, and investigation work in these subjects.

Three lectures and three laboratory periods per week for one term.

Professor Lods.

E. Seminar. Fortnightly, during the year.

Professor Summerby and staff.

It is recommended that candidates spend at least one summer in the Department before or during the course.

Each student is required to pass an examination in each subject of his course.

In addition, each student is expected to pass an oral examination to test his ability and knowledge outside of his regular courses of study.

A candidate must present a written thesis on his research work to meet the requirements of the Graduate Faculty.

DEPARTMENT OF ANATOMY

PROFESSOR OF ANATOMY:—S. ERNEST WHITNALL
PROFESSOR OF HISTOLOGY AND EMBRYOLOGY:—J. C. SIMPSON
ASSOCIATE PROFESSORS OF ANATOMY:—J. BEATTIE

The Department is equipped with the usual laboratory facilities and can offer ample material, including a series of anthropoid subjects and brains. The Museum is fully representative, with a range of animal skeletons and a comprehensive osteological collection. Photographic work is done in the same building. A small department library contains general and advanced text-books with some works of reference. The Medical Library is on the same floor. There is a departmental card index of over 10,000 references to anatomical articles. Private rooms are available for individual work.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Advanced General Human Anatomy, in which teaching and examination experience can be obtained.

Professor Whitnall and Staff.

B. Specialization in one of the following subjects:

(a) Embryology. A course on the development of the human embryo and its coverings, together with Organogenesis.

Professor Simpson and Staff.

(b) Human Morphology. Students will be expected to dissect at least three Primates, and to familiarize themselves with the recent work on Pleistocene Man; special attention is to be given to myological and neurological problems.

Professors Whitnall and Beattie.

(c) Physical Anthropology. Instruction will be given in the measurement of human and anthropoidal skeletons, with statistical treatment of the results.....Professor Beattie.

(d) Neurology. A course on human and comparative neurology, with laboratory works in experimental neurology.

Professor Beattie.

Candidates may also be recommended to study certain cognate minor subjects (Biochemistry, Physiology, Vertebrate Zoology.)

The whole course is designed to be of value to either (1) those who propose to engage upon clinical professional work, such as Gynæcology and Obstetrics, when in addition to the General Course in Anatomy, they may well be advised to take the special work in Embryology, or, for prospective nerve specialists, that in Neurology, or (2) those who wish to

pursue broader scientific lines of work, when they may take the Course in Morphology or Anthropology.

Each of the above courses comprises colloquia, reading and practical work. The candidate must show evidence of ability to engage in research work, and must present a thesis on some subject connected with his course of study.

Candidates for the above courses must hold the degree of M.D. with good standing.

DEPARTMENT OF ANIMAL INDUSTRY

Nutrition, Genetics, Parasitology

PROFESSOR OF ANIMAL HUSBANDRY AND CHAIRMAN OF DEPARTMENT:—H. BARTON
PROFESSOR OF ANIMAL PATHOLOGY:—R. L. CONKLIN
RESEARCH PROFESSOR OF ANIMAL PARASITOLOGY (Parasitological Institute):—T. W. M. CAMERON
ASSOCIATE PROFESSOR OF GENETICS:—C. L. HUSKINS, (Dept. of Botany, McGill)
ASSISTANT PROFESSOR OF POULTRY HUSBANDRY:—W. A. MAW
ASSISTANT PROFESSOR OF ANIMAL HUSBANDRY:—E. W. CRAMPTON
LECTURER IN POULTRY HUSBANDRY:—A. J. G. MAW

A. Applied Animal Nutrition. Lectures, conferences, assigned reading, bibliographic review, and research in a selected problem in Animal Nutrition and Experimentation. Hours variable. . . . Prof. E. W. Crampton, Prof. W. A. Maw.

B. Applied Animal Breeding. Genetic relationships and their application to Animal Breeding. Research in special problems in breeding and heredity. Hours variable. . . . Prof. E. W. Crampton, Mr. A. J. G. Maw.

C. Animal Parasitology. Facilities are available in the Parasitological Institute for a limited number of students to work out problems in the field of parasitology. Prerequisites are the undergraduate courses in zoology and parasitology at Macdonald College or their equivalent. . . . Research Professor of Animal Parasitology.

D. Genetics. (See Course E—Department of Botany.)

E. Animal Physiology. Lectures and laboratory work on the systems and organs of the animal body, their functions and reactions. Prerequisite: The undergraduate course in elementary physiology offered at Macdonald College or its equivalent. 2 lectures and 2 laboratory hours per week for one term. . . . . Dr. R. L. Conklin.

F. Seminar. . . . . Prof. Barton and staff.

Prerequisites: A standing of at least high second class in the undergraduate courses at Macdonald College or equivalent work elsewhere, including such undergraduate subjects as are necessary for the particular line of graduate study to be undertaken. Students who have not had adequate training in preliminary subjects will be required to complete prerequisite work.

M. Sc. Course Requirements: Major work may be taken in A, B, C, with appropriate minors in C, D, E.

BACTERIOLOGY

PROFESSOR:—E. G. D. MURRAY

LECTURERS:—W. W. BEATTIE, FREDERICK SMITH

DEMONSTRATOR:—D. H. STARKEY

Candidates for higher degrees must present evidence of suitable preparation in Bacteriology and Immunology:

For the M.Sc. Degree.

1. B.Sc. degree with at least second class honours in Bacteriology at McGill University, or its equivalent elsewhere.

2. M.D. degree with high standing in Bacteriology, Pathology and Immunology.

For the Ph.D. Degree.

1. Evidence of having done significant research in Bacteriology or Immunology.

Instruction available to candidates for M.Sc. and Ph.D. Degrees.

A. The lectures and classes given in the Department to the Science Division of the Faculty of Arts and Science, and to the Faculty of Medicine will be available to candidates for the M.Sc. degree.

B. Conferences will be held with candidates, guiding them in their reading, helping with technique and discussing the theory and practice of Bacteriology and Immunology, as well as of individual researches.

C. The practice of the Clinical Bacteriological Service in relation to the Royal Victoria Hospital will also be available to candidates as a means of instruction and a source of material for research and study.

Requirements for M.Sc. Degree.

One session of residence, good standing in the examinations on general principles and technique of Bacteriology and Immunology, continuous research, and a thesis showing originality and giving a critical analysis of the literature related to the research.

Requirements for Ph.D. Degree.

Three sessions of resident study; a general examination at the end of the second year on Bacteriology and Immunology; continuous research work; a thesis showing originality, a critical faculty, and a definite contribution to knowledge; and an oral examination on the thesis and allied subjects.

DEPARTMENT OF AGRICULTURAL BACTERIOLOGY
(Macdonald College)

ASSISTANT PROFESSOR OF BACTERIOLOGY:—P. H. H. GRAY

Courses in Soil Microbiology and Dairy Bacteriology are offered, either of these forming the basis for major work leading to the degrees of Master of Science and Doctor of Philosophy. The Department has adequate laboratory space and is equipped for graduate work in Bacteriology. The College Stock Farm, dairy, and experimental plots are available for carrying out experiments, and greenhouse facilities are at hand for work in soil problems. The Department has a growing library of books, and a comprehensive collection of bulletins and journals is available.

A. Systematic Bacteriology. The foundations of bacterial taxonomy, including studies of morphology, cytology and chemical reactions of bacteria.

One lecture and three laboratory periods for one term.

Professor Gray.

Candidates who have not previously taken similar studies in their undergraduate training are required to take Course A.

B. Soil Microbiology. The relation of soil micro-organisms to fertility, with especial regard to modern methods of investigation. Especial attention is given to the dynamic aspect of soil processes, and to the microbiological equilibrium consequent upon environmental and other factors, such as season, chemical composition and physical state of the soil.

One lecture, six laboratory periods, for two terms. Professor Gray.

C. Dairy Bacteriology. A study of the bacteria of milk and milk products.

One lecture, six laboratory periods, for two terms....Mr. Thompson.

D. Fermentation micro-organisms. A study of the physiology of organisms and of the processes involved in fermentation reactions.

One lecture, three laboratory periods, one term....Professor Gray.

E. Colloquia. Hours variable, according to the nature of the thesis work.

Students are expected to prepare a thesis on some outstanding aspect of the major subject selected. As prerequisites students must show evidence

of high standing in general microbiology and bacteriological technique; other prerequisites are chemistry, mathematics, bio-chemistry and physical chemistry. Students selecting Soil Microbiology should have taken courses in the physics and chemistry of soils.

DEPARTMENT OF BIOCHEMISTRY

PROFESSOR OF BIOCHEMISTRY:—J. B. COLLIP
ASSISTANT PROFESSOR:—D. L. THOMSON

The Biochemical Laboratories are especially equipped for research on endocrine problems, but ample facilities are also provided for research on problems of more general biochemical interests.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Lectures to the candidates for the M.Sc. and Ph.D. degrees will be given in the department of Biochemistry, usually twice weekly, throughout the year.

Course A (1933-34): The nature of enzyme action; endocrinology and metabolism; chemistry of proteins and amino-acids; colloid chemistry of proteins; chemistry of muscular contraction; bacteriological biochemistry

Course B (1932-33): Chemistry of hæmoglobin; respiratory function of the blood; chemistry of the vitamins; oxidation and reduction; chemistry of the carbohydrates; endocrinology and reproduction.

These courses, which may be altered from time to time, are given in alternate years. Course B will be given in 1932–33.

It is desirable that students entering for the M.Sc. in Biochemistry should have taken advanced courses in both Chemistry and Biology as undergraduates.

Candidates who desire to proceed to this degree must have a good knowledge of Chemistry (inorganic, organic and physical) and must have taken (or must take concurrently with the work for this degree) all the undergraduate work in Biochemistry.

Candidates who have satisfactorily completed the course in general Biochemistry as undergraduates may present themselves for examination for the M.Sc. degree in Biochemistry at the end of one year's graduate work in the department. All others are expected to spend two years in the graduate school before going forward for the degree. The requirements for this degree consist of:—

1. Candidate attaining a thorough knowledge of the subject matter of general Biochemistry.

2. Completion of some minor research.

3. Presentation of a thesis.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

The requirements for registration for the degree of Ph.D., with Biochemistry as the major subject, are the same as those for the M.Sc.

During the course of study, the candidate must attain to a high degree of proficiency in the subject, and in addition must undertake a research problem, to the elucidation of which he is expected to devote much time and energy. In the selection of the problem consideration is given to the previous training and demonstrated ability of each candidate.

DEPARTMENT OF BOTANY

PROFESSORS OF BOTANY:—{FRANCIS E. LLOYD, GEORGE W. SCARTH}

ASSOCIATE PROFESSOR:— C. LEONARD HUSKINS

ASSISTANT PROFESSORS OF PLANT PATHOLOGY (MACDONALD COLLEGE):—J. G. COULSON, R. F. SUIT

LECTURER IN PLANT PATHOLOGY:—DOROTHY E. NEWTON

MATERIAL FACILITIES FOR GRADUATE STUDY

Ordinary laboratory equipment and greenhouse space for practical work in plant physiology, histology and genetics. Special equipment for optical and photographic work (ultra-microscopes, ultra-violet and moving-picture outfits); bio-physical measurements (potentiometers, tensionometers, etc.), and for cell investigation (micro-manipulators, etc.) Museum, Herbarium and Library with standard books and journals in Botany and General Physiology.

COURSES FOR HIGHER DEGREES

A. Comparative Morphology and Taxonomy.

B. Plant Anatomy and Microchemistry. (Specially adapted as a minor for students of Cellulose Chemistry.)

C. Plant Physiology.

D. Cellular Physiology. (A suitable minor for students specializing in Physiology, Biochemistry, etc.)

E. Genetics and Cytology. Work given in co-operation with the Faculty of Agriculture, Macdonald College.

REQUIREMENTS FOR THE DEGREE OF MASTER OF SCIENCE

Major Subject

1. A candidate taking Botany as a major subject must display in his final undergraduate examinations a general knowledge of Botany

well in advance of that required for a continuation subject for an ordinary B.A. or B.Sc. degree. He must possess a knowledge of the history of Botany, and an adequate acquaintance with any other subject that he may need in his work.

2. The candidate must show special knowledge of, and satisfy the laboratory requirements in, at least *two* of the subjects mentioned above.

3. A student, who desires to specialize in Genetics or Cytology, or in both, may, however, enter upon such work with an adequate preliminary training in Botany, Zoology, or Agriculture, and may continue his advanced studies with direct reference to branches of any one or more of these subjects.

4. The candidate must carry out a piece of research work and submit a satisfactory thesis (see page 413.)

Minor Subject

A candidate taking Botany as a minor subject must possess as a prerequisite sufficient knowledge of Botany and other subjects to enable him to specialize in *one* of the above subjects, and in that must satisfy the same requirements as for a major.

Each course demands about six hours laboratory work per week, in addition to prescribed reading and attendance at instructional courses.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

A deeper knowledge of one of the above lines of study; reading and abstracting of original papers; and an intimate acquaintance with the particular field treated in the candidate's thesis. Instruction is given mainly by way of conference and direction of study.

Research

The research and thesis must be of Ph.D. standard (see page 409.)

Seminar

A course entailing reading, discussion, appreciation and criticism, of research articles, monographs, etc., in the field of general botany, physiology, cytology, histology, morphology, ecology, taxonomy, genetics and mycology.

DEPARTMENT OF PLANT PATHOLOGY
(Macdonald College)

ASSISTANT PROFESSORS OF PLANT PATHOLOGY:—{J. G. COULSON, R. F. SUIT}

LECTURER IN PLANT PATHOLOGY:—DOROTHY E. NEWTON

The Graduate work given in this Department is in the field of plant pathology and mycology.

The Departmental laboratories of plant pathology, plant physiology and histology, as well as a small research laboratory, are available for the use of graduate students. Greenhouse facilities are provided and temperature control equipment is available for the study of environment on plant diseases.

The Department has a considerable number of the more specialized works and periodicals concerning plant pathology.

Candidates must have completed satisfactory undergraduate courses in plant morphology, physiology, taxonomy, histology and cytology. Specialists in plant pathology should possess a general knowledge of the fundamental practices in agronomy and horticulture.

A. History of Plant Pathology. One lecture per week for one term. Extra reading required.
Professor Suit.

B. Advanced Mycology. Two lectures and two laboratory periods per week for two terms. This course, requiring as a prerequisite a general course in systematic mycology, offers special work in the morphology and taxonomy of the fungi.
Dr. Dorothy E. Newton.

C. Advanced Plant Pathology. Detailed studies of plant diseases; culture and inoculation work; field and greenhouse tests in control measures, etc. Two lectures and two laboratory periods per week for two terms.
Professor Coulson and Professor Suit.

D. Physiology of the Fungi. Nutrient requirements; carbon sources in nutrition; nitrogen fixation; enzymes in nutrition; H-ion and nitrogen concentration; temperature, light and moisture conditions; tropisms, staling; spore germination conditions; biologic specialization; physiology of parasitism; symbiosis. Two lectures and two laboratory periods per week for one term.
Professor Coulson.

E. Phytopathological Histology. A study of abnormal plant structures caused by myxomycetes, fungi, bacteria, insects, etc.; preparation of slides, photomicrographs, etc. One lecture and two laboratory periods per week for one term.
Professor Coulson.

F. Cytology of the Fungi. Studies of sexuality; nuclear phenomena; formation of sporangium, conidium, pycnidium, perithecium, etc.; origin

of setae, cystidia, etc.; development of chlamydospores, sexual and asexual spores, etc. Two lectures and two laboratory periods per week for one term.

Dr. Dorothy E. Newton.

G. Seminar. A course entailing reading, discussion, appreciation and criticism of research articles, monographs, etc., in the field of general botany, physiology, cytology, histology, morphology, ecology, taxonomy, genetics, mycology, pathology. Attention is more especially directed to such articles as have application in plant pathology or mycology.

One period per week.....Professor Coulson and others.

Candidates for the degree of M.Sc. in Plant Pathology are required to take courses A, G and two others of the graduate courses offered in this Department in addition to writing a thesis.

A candidate for the degree of Doctor of Philosophy may take two years at Macdonald College and one at another University.

A student selecting his major work from the courses listed above may also elect or be required to take one or more courses in related subjects either in the Faculty of Agriculture or other faculties of the University.

DEPARTMENT OF CHEMISTRY

MACDONALD PROFESSOR OF INORGANIC CHEMISTRY AND DIRECTOR OF THE DEPARTMENT:—F. M. G. JOHNSON

MACDONALD PROFESSOR OF PHYSICAL CHEMISTRY:—O. MAASS.

PROFESSOR OF INDUSTRIAL AND CELLULOSE CHEMISTRY:—HAROLD HIBBERT.

ASSOCIATE PROFESSOR:—W. H. HATCHER.

ASSISTANT PROFESSORS:—C. F. H. ALLEN. E. W. R. STEACIE. J. H. MENNIE.

LECTURER:—W. H. BARNES.

Facilities for Graduate work are available in Organic, Inorganic, Physical, Colloid, and Cellulose Chemistry. In each of these branches a variety of research problems is offered for which equipment and laboratory facilities are ample. Accommodation is available for about forty students.

The Baillie Library of Chemistry is well endowed and exceptionally complete.

COURSES FOR HIGHER DEGREES

A. Advanced Organic.

Chemistry of more complicated reactions and classes of organic substances.

Two hours per week, first term; three hours, second term.

Professor Allen.

B. Structural Organic Chemistry.

This course is designed for those specializing in Organic Chemistry. The following topics, among others, are discussed: The higher coal tar hydrocarbons; terpenes, heterocyclic compounds including five and six-membered ring systems; plant and animal pigments, cholesterol, certain alkaloids, free radicals, molecular rearrangements. The subject matter is not necessarily the same each year.

Two hours per week.....Professor Allen.

C. Advanced Organic.

General principles and recent developments.

One hour per week.....Professor Hibbert.

D. Advanced Inorganic.

The Periodic System, modern theories of valence and atomic structure.

One hour per week.....Professor Johnson.

E. Advanced Inorganic.
Tutorial covering properties of the elements and their compounds.
One hour per week.....Professor Johnson.

F. Advanced Physical.
(a) Properties of Matter—discussed from the kinetic point of view...2 hrs. per week, 1st term.

(b) Physico-chemical Equilibria. From point of view of time factor and thermodynamics.....2 hrs. per week, 2nd term.

(c) Phase Rule..... 1 hr. " " 1st "

(d) Atomic Structure and Radio-activity.....1 hr. " " 2nd "
Professor Maass.

Any or all of these sub-divisions, as well as a course in theoretical calculations, may be required.

G. Colloid Chemistry.
Two hours per week.....Professor Steacie.
Laboratory courses are available in all of the above when required.

H. History of Chemistry.
One hour per week, second term.....Dr. Barnes.

The above courses are available for Honours students in Arts and Science and students in Chemical Engineering.

I. Short Courses on Recent Advances.
One hour per week.
(Subjects change annually.).....Senior Staff.

J. Colloquium—Organic.
Two hours per week....Professors Hibbert, Hatcher and Allen.

K. Colloquium—Inorganic and Physical.
Two hours per week.....Professors Johnson and Maass.

L. Cellulose, Lignin and Related Compounds.
One hour per week.....Professor Hibbert.

M. Physical Properties and Chemical Constitution of Organic Compounds.
One hour per week. Second term.....Professor Hatcher.

N. Kinetics of Gas Reactions.
One hour per week. First term.....Professor Steacie.

O. Thermodynamics.

One hour per week.....Professor Steacie.

Graduate students are expected to attend the weekly meetings of the Chemical and Physical Societies.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

I. Students are required to take examinations in (a) Organic, (b) Inorganic, (c) Physical, (d) Colloid Chemistry, and other assigned courses, if any. Students are expected to have covered the subject matter of at least two of the above courses on entrance to the Faculty.

II. *Colloquium*—one per week.
Students are required to present and discuss in an acceptable manner papers dealing with fundamental and recent work.

III. *Special Graduate Lectures.*
Students are required to pass examinations on the subject matter of such lectures related to their particular work.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

I. The research work in this Department may be conveniently considered under four heads:—

(a) Organic Chemistry
(b) Inorganic "
(c) Physical "
(d) Colloid "

One of these (under which the research falls) is designated the "principal subject" and each of the others a "secondary subject." Graduate students are required to take examinations in both "principal" and "secondary" subjects.

Principal Subjects:—Several examinations, both written and oral, are held. Students are responsible for the subject matter of all related lecture courses and assigned reading. Special courses given in other Departments may be assigned and examinations required.

Secondary Subjects:—The examinations are less rigorous than in the principal subject. The subject matter is more clearly defined and may include suitable lecture courses or texts, or both.

II. *Colloquium:*—One per week each year in the principal subject. Students are required to present and discuss in an acceptable manner papers dealing with fundamental and recent work.

EXAMINATIONS IN CHEMISTRY

Principal Subject:

1. An examination is held in May of the second year. Additional special examinations are held during the third year.

2. Candidates who fail in the May examination of the second year are required to repeat the year and the examination in the principal subject.

Secondary Subjects:

1. All examinations are available in May and October for candidates in the first two years.

2. A second supplemental examination in any one subject may be taken only on recommendation by the Department.

3. Examinations in all subjects must be passed by the end of October of the candidate's third year.

4. For candidates entering the third year, the October examinations are supplemental examinations only.

General:

1. A candidate who may wish to take examinations in any one or more secondary subjects in October of his entrance year is advised to consult the director of the department as soon as possible.

2. In a secondary subject a Master of Science examination at McGill will be accepted as a Preliminary Ph.D. examination provided a standard required by the Department is obtained.

Also, candidates who believe they have the necessary qualifications may apply to the director of their research for exemption from examination in a secondary subject. Such qualifications include a high standing in an examination taken at McGill or other university in the secondary subject. The director of the candidate's research may grant this exemption only with the approval of the Department.

DEPARTMENT OF CHEMISTRY
(Macdonald College)

PROFESSOR:—J. F. SNELL

ASSISTANT PROFESSORS:—J. B. McCARTHY, R. R. McKIBBIN

In addition to four student laboratories there are three research laboratories and space for the equipment of additional rooms when required. A good supply of ordinary apparatus and chemicals is kept in stock. Special apparatus and instruments include a Schmidt and Haensch polarimeter, Abbe refractometer, Zeiss immersion refractometer with replaceable prisms, Chamot chemical miscoscope, Klett colorimeter, Van Slyke amino nitrogen apparatus, Van Slyke blood gas apparatus, Parr carbon apparatus, DeKhotinsky drying and vacuum ovens, electric muffle and combustion furnaces, etc.

There is a comprehensive library of agricultural books and periodicals. The resources of the University libraries and of the library of the Department of Agriculture and that of the National Research Council at Ottawa are readily accessible, and the courteous co-operation of other Canadian and American libraries can be counted upon in connection with research work.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Prerequisites:—Courses in Inorganic, Organic and Analytical Chemistry; training in Qualitative and Quantitative Analysis; courses in Physics.

A. Chemistry of Soils and Fertilizers. Two lectures a week during the Spring term in alternate years. Given in 1932-33. Laboratory work in analysis of soils and fertilizers, hours variable. Supplementary reading.....Professor McKibbin.

B. General Biochemistry. Two lectures a week during the Spring term in alternate years. Supplementary reading. Laboratory work, hours variable. Given in 1932-33.....Professor McKibbin.

***C. Chemistry of Insecticides and Fungicides.** Discussion of the composition of commercial insecticides and fungicides and of the chemical changes involved in the preparation of spraying mixtures; also of the methods of analysis of such materials with reference to the chemical principles involved. Three lectures a week during the Spring term. Laboratory work, hours variable. Given in 1932-33.....Professor Snell.

***D. Dairy Chemistry.** Two lectures a week during the Fall term. Laboratory practice in the analysis of milk and its products. Hours variable.....Professor Snell.

*These courses are also open to advanced undergraduates.

*E. **Food Chemistry.** Two lectures a week during the Spring term. Laboratory practice in food analysis. Hours variable.
Professor Snell.

F. **Tutorial in Physical Chemistry.** Reports and discussions on assigned readings. One hour a week.....Professor McCarthy.

G. **Tutorial in Organic Chemistry.** Reports and discussions on assigned readings. One hour a week.....Professor Snell.

H. **Tutorial in Colloid Chemistry.** Reports and discussions on assigned readings. One hour per week for one term. Professor Snell.

*I. **Seminar.** One hour per week in all years of the course. Each student will present at least three papers a year.
Professors Snell, McCarthy and McKibbin.

J. **Research.** Supervision of reading and experimental work in connection with thesis.
Professors Snell, McCarthy and McKibbin.

Special arrangements may be made for the Ph.D. degree in association with the McGill Department of Chemistry. Agricultural Chemistry will be regarded as the principal subject, and courses taken in the other departments mentioned in paragraph 1 as secondary subjects. See regulation 3 for the Degree of Doctor of Philosophy. (Page 410.)

Candidates must qualify in the equivalent of at least four lecture hours of the above subjects in addition to participating in the Seminar.

---

*These courses are also open to advanced undergraduates.

DEPARTMENT OF CHINESE STUDIES

PROFESSOR OF CHINESE STUDIES AND CHAIRMAN OF THE DEPARTMENT:—KIANG KANG-HU

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Classical Reading and Translation. Reading in the original text of any Chinese standard classic and translation into English with reference notes. (Two hours a week.).....Professor Kiang.

B. Modern Literature and Official Documents. Newspaper reading and letter writing in Chinese. Translation of short articles or documents from Chinese to English. (Two hours a week.).....Professor Kiang.

C. Research on Special Topics. Investigation of the subjects selected for thesis. Much library work and research will be required. (Colloquium, one hour a week.).....Professor Kiang.

These courses, conducted by Professor Kiang, may be selected as a Major or Minor subject by any qualified student holding a B.A. degree who has a workable knowledge of either or both of the Chinese written and spoken languages.

DEPARTMENT OF CIVIL ENGINEERING AND APPLIED MECHANICS

PROFESSOR OF CIVIL ENGINEERING:—R. E. JAMIESON

PROFESSOR OF APPLIED MECHANICS AND HYDRAULICS:—ERNEST BROWN

PROFESSOR OF HIGHWAY AND MUNICIPAL ENGINEERING:—R. DEL. FRENCH

ASSOCIATE PROFESSOR OF CIVIL ENGINEERING:—G. J. DODD

Excellent laboratory facilities are provided for work in the strength and elasticity of materials, structural elements, highway materials and hydraulics. The materials laboratories have exceptionally useful extensometer equipment for work in stress distribution.

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

A. Statically Indeterminate Stresses.—General methods of stress analysis; influence lines and their applications to braced arches, rectangular frameworks, etc.; theory of riveted joints; columns with lateral and intermediate loads, etc.

One term, two hours tutorial, and six hours computation and reports.
Professor Jamieson.

B. Technical Elasticity.—The general equations of elasticity with various applications, special attention being paid to approximate numerical solutions; strength of flat plates, etc.; torsion of thin tubes and prisms of non-circular section; the determination of stress distribution by means of polarized light; elastic stability; vibration of structures.

One term, two hours tutorial, and six hours computation and reports.

Professor Jamieson.

C. Secondary Stresses.—Secondary stresses due to rigidity of joints, deflection of floor beams, eccentric connections, latticing, etc.; critical discussion of specifications for structural members in the light of tests.

One term, two hours tutorial, and six hours computation and reports.

Professor Dodd.

D. Hydraulics.—General principles of hydrology in relation to power development; stream gauging and use of records; flow in streams and in open channels; back-water computations; dams and spillways; the principles of hydraulics as applied to modern turbines; general trend of turbine development; turbine testing and characteristics; special problems such as pressure surges in conduits; general consideration of water-power plants, including the study of plants in operation; turbine testing and experimental work in hydraulic laboratory.

One hour tutorial, and six hours computation and reports.

Professor Brown.

E. Highway Engineering.—(a) Highways; history of development; finance, legislation and administration; traffic; economics of design, construction and maintenance; safety provisions. (b) Highway Transportation; history; relation to other forms of transportation; economics of motor transportation; regulation; traffic control.

Four hours tutorial, and twelve hours computation and reports.

Professors French and McKergow and staff.

Candidates for the M. Eng. degree will be expected to take at least two courses in addition to thesis work. Written examinations which may be supplemented by oral examinations will be held in each course. A high standard of attainment will be required.

DEPARTMENT OF CLASSICS

HIRAM MILLS PROFESSOR OF CLASSICS:—WILLIAM D. WOODHEAD
PROFESSOR OF CLASSICAL PHILOLOGY:—C. H. CARRUTHERS
ASSOCIATE PROFESSOR:—A. M. THOMPSON

COURSES FOR THE DEGREE OF MASTER OF ARTS

Greek A: Greek Lyric Poetry.
A historical survey of Greek Lyric Poetry with readings from the Anthologia Lyrica Græca and other texts.
Two hours Colloquia.....Professor Woodhead.

Greek B: History of the Epigram.
A study of the origins of the Epigram, its development by Classical and Hellenistic Greek poets, and its place in Latin literature. Selected epigrams to be read, and essays to be presented on special topics.
Two hours Colloquia.....Professor Carruthers.

Greek C: Pindar.
A selection of the Odes will be read, with parallels from Bacchylides and other authors.
Two hours Colloquia.....Professor Woodhead.

Greek E: Aeschylus, Oresteia.
A critical study of the text.
Two hours Colloquia.....Professor Woodhead.

Latin A: Vergil, Aeneid.
Some books of the Aeneid will be read and lectures given on topics connected with the study of the poem.
Three hours.....Professor Thompson

Latin C: Roman Satire.
Lectures on the development of Satire as a form of literature. The Apocolocyntosis, the Satires of Persius, and some of the Satires of Horace and Juvenal will be read.
Two hours Colloquia.....Professor Thompson.

Latin D: Latin Epigraphy and Palæography.
(a) Study of the Republican, and typical examples of the Imperial inscriptions, with their bearing on Roman public careers and institutions.
(b) History of Latin writing down to the formation of the national European scripts, with required exercises.
Two hours Colloquia.....Professor Carruthers.

Latin E: Petronius and Apuleius.

The Cena Trimalchionis will be read, and selections from the Metamorphoses of Apuleius.

Two hours Colloquia.....Professor Woodhead.

Latin F: Latin Comedy.

A study of the history and development of Latin comedy, with reading of selected plays by Plautus and Terence.

Two hours Colloquia.....Professor Woodhead.

COURSES IN COMPARATIVE PHILOLOGY

LECTURER:—PROFESSOR C. H. CARRUTHERS

A. Introduction to the Study of Language.

For students of Classical or Modern languages. Language as a human institution; relation to thought; theories of origin; value of linguistics as a science; historical method and principles of development; changes in sounds, form and meaning; language structure; writing and spelling in relation to speech; language and nationality; language families, with special reference to the distribution of the Indo-European languages.

B. Latin Historical Grammar.

The historical development is exemplified by a study of early inscriptions.

C. Greek Historical Grammar.

The historical development is exemplified by a study of certain Greek dialect inscriptions.

D. Comparative Grammar of Greek and Latin.

An outline of courses B and C, primarily for Honor students in Classics.

E. Elementary Sanskrit.

Introduction to Sanskrit inflexions and texts, and comparison with Greek and Latin forms.

F. Greek Dialects.

A study of selected dialect inscriptions with special reference to dialectic peculiarities, the relationship of the dialects to one another, and their influence on the literary dialects.

G. Oscan and Umbrian.

A grammatical survey of the Oscan and Umbrian dialects, with a detailed study of the important inscriptional texts and the relationship of these dialects to Latin.

All courses are Colloquia of two hours weekly.

DEPARTMENT OF ECONOMICS AND POLITICAL SCIENCE

PROFESSOR OF POLITICAL ECONOMY:—STEPHEN LEACOCK
PROFESSOR OF ECONOMICS AND POLITICAL SCIENCE:—
JOSEPH CLARENCE HEMMEON
PROFESSOR OF ECONOMICS:—JOHN PERCIVAL DAY
ASSISTANT PROFESSOR OF ECONOMICS:—JOHN THOMAS CULLITON
LECTURER IN ECONOMICS:—EUGENE FORSEY

COURSES FOR THE DEGREE OF MASTER OF ARTS

*A. **Social and Industrial Legislation.**
Three hours, first term.

*B. **Great Britain:** Economics and Fiscal Problems.
Three hours, second term.....Professor Day.

*C. **Transportation.**
Three hours, second term.

*D. **Social and Industrial Legislation.**
Three hours, first term.....Professor Hemmeon.

*E. **Economic Statistics.**
Three hours, first term.....Prof. Howat.

F. **Development of Public Policy in Canada, 1867-1897.** Parliamentary Debates and Contemporary Documents.
Mon., Wed., Fri., first term, at 3.....Professor Leacock.

G. **Development of Public Policy in Canada, 1897-1914.** Parliamentary Debates and Contemporary Documents.
Mon., Wed., Fri., second term, at 3.....Professor Hemmeon.

H. **Economic Journal Group.**
The Discussion and Criticism of Articles in Economic Journals.
One hour, Fri. at 5.....Professor Hemmeon.

I. **Graduate Seminar.**
(Conferences with individual students on thesis work.) One hour.

The work in the Department is carried out with special reference to the study of the economic and political problems of Canada.

No students are admitted except those who have taken an Honour B.A. degree in the Department or who have completed elsewhere a course accepted by the Department as equivalent to that standing.

---

*These courses are also open to undergraduates.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

The Ph.D. degree is awarded on a course of study extended over three or more years under the following conditions:—

1. Qualifications for entrance are those now obtaining for admission to graduate study in Economics and Political Science.

2. First year of study:—The M.A. course and successful candidacy for the M.A. degree.

3. Second year:—An approved course of study at a University outside of Canada in continuance of the work on the thesis subject already selected.

4. Third year:—Resident study at McGill under the general supervision of the Department, with no fixed hours or fixed units, the work to bear on the thesis subject, and to include the preparation and printing *in book form* of the thesis, such thesis to represent a genuine and useful contribution to the literature of Economics and Political Science as concerning especially the British Empire.

5. The order of study of the Second and Third year may be reversed.

6. The holder of a position on the Staff of McGill may count his years in such a position as equal to resident study in the ratio of two teaching years to one of study.

DEPARTMENT OF EDUCATION

PROFESSOR OF EDUCATION:—F. CLARKE

An applicant must hold a Bachelor's Degree, and the content for such degree must be sufficiently relevant to the purposes of High School teaching. He must also have reached a standard that is deemed satisfactory by the Graduate Faculty. In judging the standard attained, the Faculty will be prepared to take into consideration studies or teaching-work carried out subsequently to graduation, as well as the quality of the work done for the Bachelor's Degree.

COURSES FOR THE DEGREE OF MASTER OF ARTS

Candidates will be required to take such of the undermentioned courses as may be prescribed for them by the Graduate Faculty:

A. **Course 1 in Education.**

B. **Course 2 in Education.**

C. **Weekly Seminar in Education**.....Professor Clarke.

D. **An approved course in Psychology or Philosophy.**

Other courses in subjects required for school work may be selected and approved.

Attendance is also required for individual discussion of the subject of the thesis. The thesis must deal with a topic having reference to Education, and must involve independent investigation.

DEPARTMENT OF ELECTRICAL ENGINEERING

PROFESSOR OF ELECTRICAL ENGINEERING:—CLARENCE V. CHRISTIE
ASSOCIATE PROFESSOR:—G. A. WALLACE
ASSISTANT PROFESSOR:—E. G. BURR
LECTURER:—F. S. HOWES

The Departmental laboratories are well equipped for carrying out investigations in the various fields listed below under the classification of Electrotechnics; and adequate library facilities are available in the departments of Electrical Engineering and Physics.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE OR MASTER OF ENGINEERING

A. Advanced Mathematics.—Lectures and study under the direction of the Department of Mathematics.

Lecture, two hours a week.....Professor Gillson.

B. Electrical Physics.—Lectures and study under the direction of the Department of Physics.

Lectures, two hours.....Professors King, Keys and Shaw.

C. Electrotechnics.

Lectures, two hours.

Colloquium, two hours.

The following courses are offered:—

(a) Design of Electrical Machinery. Special problems of design. Professor Christie.

(b) The Protection of Electrical Power Systems. Professor Burr.

(c) Stability of Electrical Systems under normal and transient conditions; determination of short-circuit currents; design of generators and excitation systems for maximum stability. Professors Christie and Burr.

(d) Inductive Co-ordination of Power and Signal Systems. Professors Christie and Wallace.

(e) Electric Circuit Analysis. The general theory of electrical networks composed of constant circuit elements. Dr. Howes.

(f) Advanced Wire Transmission Theory. Professor Wallace.

The thesis may be in one of the following fields of investigation: Design of Electrical Machinery, Properties of Dielectrics and Electric Insulators, Electric Measurements, Protective Devices, Power System Stability under Normal and Transient Conditions, Inductive Co-ordination of Power and Signal Systems, Telephone Transmission Circuits, Radio-frequency Measurements, Acoustical Measurements.

The student, in addition to passing the examination in the courses in Mathematics, Physics and Electrotechnics, and presenting a suitable thesis, is required to solve a group of problems bearing on the subject of his thesis, to read and master a selected group of papers from the engineering literature of his chosen subject, and to pass an examination in the general subject.

DEPARTMENT OF ENGLISH

PROFESSOR OF ENGLISH:—CYRUS MACMILLAN

ASSOCIATE PROFESSORS:—GEORGE W. LATHAM, HAROLD G. FILES

ASSISTANT PROFESSOR:—A. S. NOAD

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Anglo-Saxon. Beowulf and other Anglo-Saxon poems, with an examination of various problems of interpretation.

Prerequisite:—English 12 (in the undergraduate course.)

Two hours.....Professor Latham

B. The English and Scottish Popular Ballads, with some attention to Canadian Folk-songs and Folk-tales and their relation to those of Europe. Lectures and theses.

Two hours.....Professor Macmillan.

C. Chaucer. Investigation of special topics and preparation of papers by members of the class.

Prerequisite:—English 14, (in the undergraduate course).

Two hours.....Professor Latham.

D. The Drama in England from 1660 to the present time. The development of the heroic play; the comedy of manners; the sentimental comedy; the ethical drama of the 18th century; the ballad opera; the drama of the 19th century; modern tendencies.

Two hours.....Professor Macmillan.

***E. Spenser and Milton.**

First term; Tu., Th., Sat., at 12.....Professor Latham.

*Courses marked with an asterisk are undergraduate Honour courses in the Faculty of Arts and Science, which may also be followed by graduate students who have not already taken them.

*F. **Shakspere (Six Plays.)**
Mon., Wed., Fri., at 10.....Professor Macmillan.

*G. **English Poetry from 1798 to the present time.** A study of the beginnings of the Romantic Movement in England and a detailed consideration of the work of the chief English poets from Wordsworth to the present time.
Mon., Wed., Fri., at 11.....
Professor Macmillan, Professor Noad, and an Assistant.

H. **English Novelists, from Richardson to the present time.**
Tu., Th., Sat., at 10.....Professor Files.

*I. **The English Drama, 1590-1642.**
Mon., Wed., Fri., at 11.....
Professors Macmillan and Files.

*J. **Anglo-Saxon.**
Mon., Wed., Fri., at 2.....Professor Latham.

*K. **The Technique of the Drama.** Play production; scenic and lighting effects; play structure, etc.
Lectures and demonstrations in Moyse Hall, Tu., at 10 a.m.
Laboratory hours to be arranged.....
Professor Macmillan, Miss Gray and Assistants.

*L. **Chaucer.**
Tu., Th., Sat., at 12.....Professor Latham.

*M. **Comparative Literature.**
The Influence of English Literature upon the Continent of Europe in the 18th and 19th Centuries.
Three hours.....Professor Noad.

*N. **Comparative Literature.**
A study of some literary types from the Renaissance to the present day, with particular reference to the influence of Continental Literatures upon English.
Tu., Th., Sat., at 9.....Professor Noad.

O. **Memoirs and Memoir Writers.**
A discussion of outstanding works in this class from St. Augustine to the early 19th century.
Two hours.....Professor Noad.

P. **Middle English.** Language and Literature.
Three hours.....Professor Latham.

---

*Courses marked with an asterisk are undergraduate Honour courses in the Faculty of Arts and Science, which may also be followed by graduate students who have not already taken them.

Q. Mystical and Other Religious Literature in English during the Later Seventeenth and the Eighteenth Centuries. An investigation into the earlier phases of the conflict between rationalism and mysticism, with especial emphasis on the influence of Jacob Boehme in England.

Two hours.....Professor Files.

R. Literary Criticism. In this course some time is devoted to types and methods of criticism, but it is for the most part concerned with the history and analysis of leading critical thought in the West, from Plato until the present time.

Two hours.....Professor Files.

S. Shakspere. A study of special topics; Shakspere's debt to his own and earlier times, and his growth as a poet and dramatist.

Two hours.....Professor Macmillan.

T. Epistolary Literature. A discussion of outstanding examples of letter-writing from Cicero and Pliny to Stevenson. Special attention is given to the social and literary background reflected in the typical work of each period.

Two hours.....Professor Noad.

U. An advanced course in the Technique of the Drama.

Prerequisite:—Course K or its equivalent.

Two hours and laboratory periods.....
Miss Gray and other members of the Department.

V. The Literature and Culture of the Renaissance.
A study of European letters from Petrarch to the Counter-Reformation.

Two hours.....Professor Noad.

GRADUATE COURSES

Candidates for the degree of M.A., taking English as their only subject, must select four courses, of which two must be from A to D (inclusive), and O to T, while J, or its equivalent, is compulsory.

DEPARTMENT OF ENTOMOLOGY
(Macdonald College)

PROFESSOR OF ENTOMOLOGY:—W. H. BRITTAIN
RESEARCH PROFESSOR:—T. W. CAMERON
ASSISTANT PROFESSOR:—E. M. DU PORTE
LECTURER:— ————————

The Department of Entomology contains the usual equipment for laboratory work, including the following collections: (1) a growing systematic collection of mounted insects, (2) a collection of economic insects in all stages, with samples of the injury caused by these insects, (3) a large collection of named and unnamed insects, mostly local, for the use of students in morphology and taxonomy. The laboratories are well equipped and one large well-lighted laboratory is set apart for the use of advanced students in entomology. A greenhouse and insectary are available for life-history studies. A laboratory for the study of problems in insect physiology and physiological ecology is projected, and some of the equipment is already available.

The College Library contains an entomological section. There is a departmental library consisting chiefly of works on economic entomology, including a set of experimental station bulletins. The private libraries of the members of the staff, containing many items not available in the general and departmental libraries, are open to advanced students.

In addition, there is a large collection of insects and books available through the Lyman bequest and housed in the Redpath Museum. Advanced students have access to these as well as to the Blacker Zoological Library housed in the Redpath Library Building.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

A. Taxonomy.

Literature of entomology; how to make and use indices, catalogues, check-lists, bibliographies, etc.; zoological nomenclature; history of entomological systems; classification and the principles of classification.

Each student must bring to the class a collection of the group of insects on which he desires to work, and may devote the greater portion of his time to a study of this group.

One lecture, one colloquium and four laboratory hours per week.

Professor Du Porte.

B. Insect Morphology and Physiology.

A comparative study of insect morphology, development and phylogeny; the histology and physiology of organs; research on assigned topics.

One lecture, one colloquium and four hours laboratory per week.

Professor Du Porte.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Colloquium. Pathological Physiology and Biochemistry.
One hour a week.....Professors Meakins and.....

B. Seminar. Experimental Medicine.
One hour a week.....Professors Meakins and.....

C. Seminar. Experimental Neurology.
One and a half hours a week.....Professors Penfield and Cone.

D. Seminar. Experimental Surgery.
One hour a week.....Professor Archibald and Assistants.

E. Tutorial. Two hours a week.
Professors Meakins, Archibald, Penfield, Cone and.....

All candidates for this degree must take at least three of the above courses and devote all the remainder of their time to experimental research, the accomplishment of which, as embodied in their thesis, will be the main consideration in recommending them for this degree.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

The above courses are continued throughout all years of graduate study and the experimental research must be of a fundamental and far-reaching character.

In addition to courses leading to the M.Sc. and Ph.D. degrees, the Faculty of Medicine offers opportunities for advanced study in the clinical field to properly qualified graduates who are willing to spend at least six months or a year on intensive work.

For information, graduates should apply to the Secretary of the Faculty of Medicine, McGill University.

DEPARTMENT OF GEOLOGICAL SCIENCES

PROFESSOR OF GEOLOGY AND CHAIRMAN OF THE DEPARTMENT:—JOHN J. O'NEILL.

PROFESSOR OF MINERALOGY:—RICHARD P. D. GRAHAM

PROFESSOR OF PALÆONTOLOGY:—T. H. CLARK

ASSISTANT PROFESSORS OF GEOLOGY:—J. E. GILL, F. F. OSBORNE

LEROY FELLOW IN GEOLOGY:— ———————

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

Students must take Courses A to G, inclusive.

A Elementary Structural and Dynamical Geology.
Lectures and colloquia; Wed. 9–11.....Professor Gill.

B. Geological Colloquium.—On assigned topics, Wed. at 4.30.

C. Ore Deposits.—As in "Mineral Deposits," by Lindgren; "Economic Aspects of Geology," by Leith, and assigned readings and problems.
Seminar, Mon. & Th. at 2.....Professor O'Neill.

D. Optical Mineralogy.—Methods of determining the various optical properties of minerals.
One lecture Mon. at 10, and three hours laboratory per week during the first term.....Professor Graham.

E. (a) **Petrology and Petrography.**—Lecture Th. at 10. Laboratory Tu. and Fri. 2–5.
(b) **Mineralography.**—Laboratory Wed. 2–5.
Professors Graham and Osborne.

F. Stratigraphy.—Considered in two parts. First, Sedimentation. Second, Correlation.
Two hours, first term; Mon., Fri. at 11. One hour laboratory, and two full days field work during October.....Professor Clark

G. Palæontology.—Two hours, second term; Mon., Wed. at 11. Three hours laboratory, Wed., 2 to 5 p.m.....Professor Clark.

H. Physiography and Natural Resources of Canada.—Lecture Tu. at 12, and three hours laboratory per week.....Professor Gill.

Students who have satisfactorily completed undergraduate courses in general geology, mineralogy, determinative mineralogy, petrography, Canadian geology, stratigraphy, practical geology, and ore deposits, or their equivalents, may expect to complete their M.Sc. course in one year; those specializing in economic geology must have certain engineering credits in addition to the above.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

(Second and Third Years)

I. Geology and Problems of the Pre-Cambrian.
Lectures and seminar at least two hours per week; first term; Mon. & Th. at 10.....Professor O'Neill.

J. Geological Map Interpretation.
One hour seminar with assigned problems;
(Fri. at 10.).....Professor Gill.

K. Geophysics and Geo-Chemistry.
Includes eight to ten lectures on Methods of Geophysical prospecting given by the Department of Physics (if a sufficient number of students apply.)
"Applied Geophysics in the Search for Minerals," by Eve and Keys; "Data of Geo-Chemistry," by Clark.

L. Advanced Petrology and Petrography.—At least nine hours laboratory work per week. Petrography Mon. and Fri. at 2; Mineralography Wed. at 9.....Professors Graham and Osborne.

M. Advanced Mineralogy.—Studies of the less common minerals and their determination by optical and other characters. Three hours laboratory per week.....Professor Graham.

N. General Reading.—A supplementary course of assigned readings for which the student will be responsible in his preliminary orals.

O. Physiography.—Selected readings and assigned problems dealing with the nature and origin of topographic forms.
Seminar Fri. at 11.....Professor Gill.

***P. Advanced Palæontology.**
Hours to be arranged.....Professor Clark.

†Q. Advanced Economic Geology.—Assigned readings and problems.
Seminar, Tu. and Fri. at 2.....Professor O'Neill.

†R. Advanced Structural and Dynamical Geology.—As in "Das Antlitz der Erde," vols. 1, 2, 3, and 4, by E. Suess, and numerous assigned papers.
At least two hours seminar per week. Tu. and Fri. at 2.
Professors O'Neill and Gill.

Ph.D. students must complete Chemistry 58, 61 and 62, Faculty of Engineering, if not previously taken.

The Final (Third) Year of the Ph.D. course will be almost exclusively devoted to research work in connection with the preparation of the thesis.

*For students wishing special work in Palæontology.
†Courses Q and R may be given in alternate years.

DEPARTMENT OF GERMANIC LANGUAGES AND LITERATURE

PROFESSOR OF GERMANIC LANGUAGES AND LITERATURE:—H. WALTER
ASSOCIATE PROFESSOR:—W. L. GRAFF

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Goethe.
One hour.....Professor Graff.

B. Geschichte des deutschen Romans.
One hour.....Professor Graff.

C. Hebbels Dramen.
One hour.....Professor Walter.

D. Gothic and Introduction to Germanic Philology.
One hour.....Professor Graff.

Candidates who have not taken German Philology and Mediæval Texts in their undergraduate course must take it as part of their M.A. course, except when German is taken as a minor.

DEPARTMENT OF HISTORY

PROFESSORS OF HISTORY:—{ ——————— / C. E. FRYER
ASSOCIATE PROFESSOR:—E. R. ADAIR
ASSISTANT PROFESSOR:—T. W. L. MACDERMOT

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Historical Method and Criticism.
Seminar, one hour.....Professors Fryer and Adair.

B. The Early History of the English Parliament
Seminar, one hour.....

C. Movements for Religious Reform in the later Middle Ages.
Seminar, one hour.....

D. The Reign of Charles I.
Seminar, one hour.....Professor Adair.

E. William Pitt and the Conquest of Canada.
Seminar, one hour.....Professor Adair.

F. Industrial Democracy in England.
Seminar, one hour.....Professor Fryer.

G. 1848, a Year of Revolution in Europe.....Professor Fryer.

H. Problems in World Politics Since 1878.
Seminar, one hour.....Professor Fryer.

I. The Peace of Versailles, 1919.....Professor Fryer.

J. A Selected Period in the History of Canada Since 1760.
Seminar, one hour.....Professor Fryer.

K. History of a Quebec Parish.
Seminar, one hour.....Professor Adair.

Graduate work in the Department of History is directed through Seminars and Conferences. Students are expected to acquire a sound knowledge of methods of historical research and the ability to apply them in practice. The Redpath Library is well equipped with printed sources for the periods and subjects mentioned above, and students pursuing research in Canadian History may be required, if occasion arises, to avail themselves of the manuscript resources of the Dominion Archives at Ottawa and the Provincial Archives at Quebec, and of parochial and other records in Montreal and its vicinity.

DEPARTMENT OF MATHEMATICS

PROFESSOR OF PURE MATHEMATICS:—CHARLES T. SULLIVAN
PROFESSOR OF APPLIED MATHEMATICS:—NEIL BRUCE MACLEAN
ASSOCIATE PROFESSORS OF MATHEMATICS:—ALBERT H. S. GILLSON, W. L. G. WILLIAMS
ASSISTANT PROFESSORS:—HERBERT TATE, DAVID HOWAT

COURSES FOR THE DEGREE OF MASTER OF ARTS

***A. Introduction to the Theory of Functions of a Real Variable.**
Three hours.....Professor Williams.

***B. Introduction to the Theory of Functions of a Complex Variable.**
Three hour.....Professor Sullivan

C. Theory of Numbers.
Introduction to the classical theory of numbers; arithmetical properties of hypercomplex numbers, etc.
Two hours.....Professor Williams

D. Methods of Mathematical Physics.
This course is designed to include an account of the various mathematical methods available for modern Physics, with special reference to contemporary Wave Mechanics.
Two hours.....Professor Gillson

E. Differential Geometry.
Two hours.....Professor Sullivan.

*Open also to undergraduates of the Fourth Year in the Honour course.

F. Differential Equations and Advanced Calculus.
Two hours.....Professor MacLean

G. Theory of Generalized Relativity.
Two hours.....Professor Gillson.

H. Theory of Invariants.
Two hours.....Professor Howat.

I. Theory of Algebraic Plane Curves.
Two hours.....Professor Sullivan.

J. Calculus of Variations. Professor MacLean.

K. Projective Geometry. Professor Tate.

L. Matrices, Substitutions, and Groups.
An introduction to modern Algebra, with especial reference to the topics most prominent in Mathematical Physics.
Two hours.....Professor Williams.

Courses A, B, D, F are given annually. An additional one of the courses listed above will be given, if a sufficient number of qualified students present themselves.

Students taking a Minor in Mathematics for the M.Eng. degree must have as preliminary training the Mathematics required of undergraduates in Engineering, with an additional more advanced course in Mathematics.

Students taking a minor in Mathematics for the degree of M.A. or M.Sc. must present courses in Mathematics equivalent to those required in the first three years of the honour course in Mathematics and Physics, together with one additional course approved by the department.

For a Minor in Mathematics for the Ph.D. degree the student must have the equivalent of the Mathematics required in the honour course in Mathematics and Physics, and an additional graduate course in Mathematics.

The final examinations in Mathematics as a Minor for the Ph.D. degree include two papers; one on the graduate course, and a general paper on the facts and principles of the more elementary phases of the honour courses in Mathematics and Physics.

No candidate for the M.A. or M.Sc. degree in Mathematics will be accepted unless he has the equivalent of honours in Mathematics at McGill University.

DEPARTMENT OF MECHANICAL ENGINEERING

PROFESSORS OF MECHANICAL ENGINEERING:—{ARTHUR R. ROBERTS, CHARLES M. McKERGOW

ASSISTANT PROFESSOR:—JAMES A. COOTE

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

A. Engineering Thermodynamics. Prerequisites, *Courses 220 and 251.
Three hours colloquia ..... Professor McKergow.

B. Machine Design. Prerequisites, *Courses 225 and 242.
Three hours colloquia ..... Professor Roberts.

C. Industrial Engineering. Prerequisites. *Courses 253, 254, 258 or their equivalent.
Two hours lectures and two hours colloquia ....Professor Coote.

**These numbers are those of courses given in the Faculty of Engineering.*

DEPARTMENT OF METALLURGICAL ENGINEERING

PROFESSOR OF METALLURGY:—ALFRED STANSFIELD
ASSISTANT PROFESSOR:—GORDON ST. GEORGE SPROULE
SESSIONAL LECTURER:—HAROLD J. ROAST

FACILITIES FOR GRADUATE STUDY

Library.—A working library of metallurgical books, periodicals, the proceedings of scientific and technical societies, and a file of technical papers and cuttings from journals of metallurgical interest are available in Professor Stansfield's office. Students have access to the books and periodicals of the Baillie Chemical Library.

Laboratories.—Graduate students have the use of the general laboratories of the Department and a small chemical laboratory in which chemical analyses and small scale experiments in hydro-metallurgy can be made. The equipment available for their use may be summarized as follows:—

Furnaces for the production of moderate and high temperatures, using solid or gaseous fuel or electrical heat.

Apparatus for the measurement of high temperatures and for the automatic recording and control of furnace temperatures.

Appliances for holding, measuring and analyzing gases and for studying the reactions between these gases and ores or other materials.

Facilities for making fire-assays of ores and metallurgical products.

Apparatus for the microscopic, X-ray, and physical testing of metals and alloys.

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

A. General Advanced Metallurgy. A series of advanced studies of the theory and practice of metallurgy, taken from the following list:—

Physical properties and allotropic changes of metals.
Constitution and properties of metallic alloys.
Constitution and properties of slags and mattes.
Chemical equilibria, thermo-chemistry and speed of chemical reactions in metallurgical practice.
Design and efficiency of fuel-fired and electrical furnaces.
Properties, cleaning and utilization of furnace gases.
Electrolysis as applied to the refining and recovery of metals.
X-ray examination of metals.

Instruction is given by directed reading supplemented by two hours per week of colloquium and three hours per week of laboratory work.
Professors Stansfield, Sproule and Mr. Roast.

B. The same as A, but including a special study of one or more selected metals, or of some special branch of metallurgy, such as electro-metallurgy or hydro-metallurgy. (Alternative with A).
Professor Stansfield.

C. The same as A, but including a course of instruction and laboratory work on the properties of metals and refractory materials and the use of metallurgical testing instruments. (Alternative with A).....Professors Stansfield and Sproule.

The following undergraduate subjects are offered to students who did not take them in their undergraduate course:—

D. Advanced Metallurgy. Fourth Year Engineering, No. 272.
Two hours lectures.....Professor Stansfield.

E. Electro-Metallurgy and Laboratory. Fourth Year Engineering, No. 275.
Two hours lectures and one laboratory period in second term.
Professor Stansfield.

F. Metallurgical Analysis. Fourth Year Engineering, No. 279.
One hour lecture and one laboratory period in second term.
Mr. Roast.

G. Metallography and Laboratory. Fourth Year Engineering, Nos. 280 and 281.
One hour lecture and one laboratory period in first term.
Mr. Roast.

COURSES OF STUDY FOR THE DEGREE OF MASTER OF ENGINEERING

Each student is required to follow a course of reading with lecture or tutorial instruction and laboratory work, as outlined above (A to C). He must also take certain undergraduate courses, usually in the Department of Chemistry. About one-half of his time is devoted to the investigation of some particular metallurgical problem by directed reading, discussion with the Head of the Department and experimental work in the laboratory. The result of this investigation is presented in the form of a thesis.

As far as possible, the experimental work required for a student's thesis is his own individual work, but two or three students are permitted to work together on laboratory work for a thesis if it appears necessary, under strict supervision.

EXAMINATIONS FOR STUDENTS PROCEEDING TO THE DEGREE OF MASTER OF ENGINEERING

Each student is required to take two written examinations, one dealing with the general course of study he has followed, and the other dealing with the subject matter of his thesis. He also takes the regular examinations in any undergraduate subjects included in his course.

DEPARTMENT OF MINING ENGINEERING

PROFESSOR OF MINING ENGINEERING:—WILBERT G. MCBRIDE

PROFESSOR OF ORE DRESSING:—JOHN W. BELL

ASSISTANT PROFESSOR:—OSBURN N. BROWN

The Department of Mining Engineering has laboratories for ore dressing and certain kinds of mining work, such as compressed air generation and measurement. Small scale equipment provides means for the study of crushing and grinding, cyanidation, amalgamation, flotation, screening, classification, filtering, concentration by gravity methods and other processes used in the milling of ores. Particular attention is paid to cyanidation and flotation. In flotation the plant is so arranged that continuous operation is secured, and selective flotation of two or more minerals is carried on under conditions which closely approximate large scale operations in both practice and results obtained. The laboratory also contains facilities for assay, analysis, and microscopic study of the ore and mill products, as well as other aids to advanced investigation work.

NOTE.—Graduates in Chemical Engineering in the Inorganic Option are allowed to specialize in Metallurgy—including two summers' work and a year of metallurgical study in the Graduate Faculty—and if successful are given the degree of M. Eng. or M.Sc. in Chemistry.

The Departmental Library and Reading Room contain the latest books on mining and ore dressing, and a very comprehensive set of periodicals, transactions of the mining and metallurgical societies, government publications and other literature bearing on mining and ore dressing.

COURSES FOR THE DEGREE OF MASTER OF ENGINEERING

Undergraduate Course open to Graduate Students who have not already taken it as Undergraduates

A. Mining Engineering. Course 297 in the Faculty of Engineering (see Announcement of that Faculty). The whole of this course of three lectures per week for two terms, or selected portions of it (methods of mining), is suitable as part of the requirements for the M.Eng. degree for students who have not taken this course while undergraduates.....Professor McBride.

Advanced Courses open to Graduate Students only

B. Works Organization and Management. With special reference to Mining Ore Dressing, and Smelting establishments.
Two lectures per week for one term.....Professor McBride.

C. The Settling of Finely Divided Minerals in Water. Theories of classification and settling, the effect of temperature and of various electrolytes, colloids and flocculents, the calculation of settling rates and the design of settling tanks.
Two lectures and one laboratory period for one term.
Professor Bell.

D. Classification Laboratory. Advanced students who wish to supplement Course C will be given one or two laboratory periods per week for one term.....Professor Bell.

E. Filtration in Ore Dressing and Cyanidation. Theoretical and practical conditions governing the removal of finely divided and semi-colloidal minerals from water and dilute solutions by means of mechanical filtration apparatus.
One lecture and one laboratory period per week for one term.
Professor Bell.

F. Filtration Laboratory. Advanced students who wish to supplement Course E are given one or two laboratory periods per week for one term.....Professor Bell.

G. The Cyanidation of Gold and Silver Ores. Advanced studies of the theory and practice of cyanidation.
One lecture per week for one term.....Professor Bell.

H. Cyanidation Laboratory. Advanced students who wish to supplement Course G are given one or two laboratory periods per week for one term.....Professor Bell.

I. **The Theory and Practice of Flotation.** Advanced studies in flotation, surface tension, etc.
Two lectures per week for one term.....Professor Bell.

J. **Flotation Laboratory.** Advanced students who wish to supplement Course I are given one or two laboratory periods per week for one term.....Professor Bell.

NOTE.—The Department reserves the right to substitute tutorial instruction in place of set lectures when the classes are small enough to warrant the change. It is also prepared to increase the amount of work in certain of the courses when desirable.

Permission is given for two or more graduate students to work together on the physical part of an investigation, when the nature of the problem and the facilities in the laboratory make it desirable to do so.

No collusion in working up of results or in writing of the thesis is allowed.

DEPARTMENT OF ORIENTAL (SEMITIC) LANGUAGES AND LITERATURE

PROFESSOR OF HEBREW AND SEMITIC LANGUAGES, LAW AND HISTORY:—
C. A. BRODIE BROCKWELL

PROFESSOR OF HEBREW:—.....

PROFESSOR OF JEWISH HELLENISTIC LITERATURE:—
GEORGE ABBOTT-SMITH

The University Library has a fair collection of the more essential books for graduate work, supplemented by the collections in the Library of Divinity Hall, and the Libraries of the Affiliated Theological Colleges. The Egyptian, Babylonian and Palestinian Archæological Collections in the University Museum are also available to students.

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. **Special Texts.**
Seminar, one hour.....Professor Brodie Brockwell.
Seminar, one hour.....Professor Abbott-Smith.

B. **History of Old Testament Criticism.**
Seminar, one hour.....Professor Brodie Brockwell.

C. **Semitic Anthropology.**
Seminar, one hour.....Professor Brodie Brockwell.

D. **Semitic Epigraphy.**
Seminar, one hour.....Professor Brodie Brockwell.

E. Christian Hellenistic Texts.
Seminar, one hour.....Professor Abbott-Smith.

F. Hellenistic Grammar, Syntax and Lexicography.
Seminar, one hour.....Professor Abbott-Smith.

G. Critical Use and Values of Hellenistic Documents.
Seminar, one hour.....Professor Abbott-Smith.

Students must obtain at least a high Second Class from a Semitic Language Department to be eligible for the above courses.

N.B.—By arrangement with the Department, a selection of these courses may be taken, and additional courses will be added to meet individual needs.

PATHOLOGY

PROFESSOR OF PATHOLOGY:—HORST OERTEL

ASSISTANT PROFESSOR OF PATHOLOGY:—THEO. R. WAUGH

COURSES FOR THE DEGREES OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

All courses in Pathology are given in the Pathological Institute (a building of three floors and a basement containing the shop and attached animal house), which contains ample, fully equipped quarters for routine as well as advanced workers. The technical department provides facilities for studying and taking part in technical procedures in pathological research.

***A. The Historic, Philosophic and Scientific Foundations of Pathology.** An exposition of the historical and philosophical evolution of the conception of disease, pathogenesis and the structural changes incident to it.
Two lectures and demonstrations.....Professor Oertel.

B. Modern Tendencies and Currents in Pathology.
One hour weekly, second term.....Professor Oertel.

***C. The Hæmatopoietic System; Technique, Methods, Physiology and Pathology.**
(Open also to *advanced* undergraduates.)
One lecture and demonstration.....Professor Waugh.

D. Special Problems in Hæmatology.
Seminar, twice weekly.....Professor Waugh.

E. Research into Hæmatological Problems. Professor Waugh.

F. Practicum and Colloquium in Pathological Anatomy. A discussion of the weekly routine work carried on in the Pathological Institute with demonstration of material and review of the recent literature pertaining to the points discussed.
One colloquium weekly.....Professor Oertel.

***G. Demonstrative Course and Practical Exercises** in Pathological-Anatomical Methods and Diagnosis, including Autopsy Technique and References to Medico-Legal Practices.....Professor Oertel.

H. Technical Course of Methods of Pathological Investigation. (According to arrangement.) (Required of all candidates as prerequisite for undertaking research.)

REQUIREMENTS FOR THE DEGREES OF MASTER OF SCIENCE AND DOCTOR OF PHILOSOPHY

Candidates for the degree of Master of Science are required to take or possess the equivalent of Course A. They are also required to attend Course F; and they may choose one of Courses B, C, D, E, or G.

Candidates for the degree of Doctor of Philosophy are expected to pay particular attention and pursue more extensive studies with seminaristic exercises in connection with Course B. They will also have to acquire a more extensive knowledge of technical methods as outlined in Course H than required for M.Sc.

Intending students should have a background of information regarding the structure and function of living organisms. This implies familiarity with biology, comparative anatomy, histology and embryology. An acquaintance with chemistry especially organic chemistry and bio-chemistry is necessary.

---

*These courses are also open to undergraduates.

DEPARTMENT OF PHARMACOLOGY

PROFESSOR OF PHARMACOLOGY:—RAYMOND L. STEHLE

LECTURER:—K. I. MELVILLE

The laboratory is adequately equipped for research work in both the physiological and chemical aspects of the subject; working conditions are unusually satisfactory. A small library, for which the department is largely indebted to the interest of Dr. A. D. Blackader, contains the current literature most frequently desired.

Candidates for higher degrees must present evidence of suitable preparation in chemistry and physiology and must have completed the course in pharmacology as given to medical students.

It is strongly recommended that the student have a reading knowledge of German and French. If he has not he will be expected to begin making up these deficiencies immediately.

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Advanced Pharmacology. This consists of laboratory work of a more advanced nature than that of the course given to medical students together with such reading and conferences as appear desirable. There are no formal lectures. The minimum of work which may be done consists of thirty laboratory periods of three hours each and reading and conferences to the extent of thirty hours. This course is suitable for anyone desiring to take a Minor in pharmacology. For students majoring in pharmacology the course will be suitably extended, and in addition a piece of original investigation must be carried through.

B. Colloquium.

One hour weekly.

COURSES FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Special arrangements can be made for anyone desiring to proceed to a doctorate.

detail, including an introductory course of eight lectures on Thermodynamics. Each student is required to perform ten fundamental experiments in Advanced Heat.

Mon., at 9 (also three hours laboratory‡).

Professor Shaw and Dr. Douglas.

Text-book:—Roberts' Heat and Thermodynamics (Blackie).

*G. **Radioactivity.**

This course follows the historical development from the beginning till to-day.....Professor Eve.

Tu. and Wed., at 12, second term.

Text-book:—Rutherford's Radiation from Radioactive Substances (C.U.P.).

*H. **Vector Analysis.**

Tu., at 9; Wed., at 10, first term.....Professor Eve.

Text-books:—Coffin's Vector Analysis, with references to other books by Wilson, Silberstein, Lorentz, Heaviside and others.

I. **Advanced Statics, Dynamics, Hydrodynamics and Sound.**

A continuation of Course 5, dealing largely with problems in three dimensions. Training in problem work is a special feature of this course.

Two hours.....Professor King.

Text-books:—Lamb's Higher Mechanics (C.U.P.); Basset's Hydrodynamics and Sound (Deighton Bell). References to Lamb's Dynamical Theory of Sound (Arnold); Lamb's Hydrodynamics (C.U.P.); Rayleigh's Theory of Sound (Macmillan).

J. **Kinetic Theory of Matter.**†

A development of the theory of gases, including the theory of electrons in metals.

Two hours.....Professor King.

Jeans' Dynamical Theory of Gases (C.U.P.); Reference Loeb's Kinetic Theory of Gases (McGraw-Hill).

K. **Quantum Theory.**

This course follows the historic development from Planck to recent work, with the elements of quantum mechanics.

Two hours; Mon. and Wed., at 12.....Professor Foster.

Text-book:—Birtwistle's Quantum Theory of the Atom (C.U.P.); Ruark and Urey's Atoms, Molecules and Quanta (McGraw-Hill).

---

†Courses J and P are sometimes combined and given as one course, two hours per week.

‡The Department of Metallurgy kindly permits students to do additional practical tests in the Metallurgical Laboratory.

L. Relativity.

Introduction to modern theories of relativity. Specialized relativity, an introduction to generalized relativity with recent developments, including the mathematical analysis involved.

One hour, second term.....Professor Gillson.

M. Advanced Electricity and Magnetism.

(A) Electrostatics, Electrodynamics, as contained in Jeans' Electricity and Magnetism, (C.U.P.). Training in problems of an advanced character is a special feature of this course. References—Livens' Electricity and Magnetism (C.U.P.); Gray's Absolute Measurements, (Macmillan & Co.). (Session 1932–33.)

(B) Applications to the advanced theory of electrical circuits, filters and transients. Electrical oscillations and wave-propagation with especial application to radio-communication. (Session 1933–34.)

Prerequisite Course C. Students are advised to procure copies of E. P. Adams' Smithsonian Mathematical Formulæ and Tables of Elliptic Functions, (Smithsonian Institution, Wash.), and Jahnke und Emde, Funktionentafeln mit Formeln und Kurven (Teubner, Lpz.).

N. Laboratory Practice and Physical Manipulation.

A course of practical instruction on the use of tools (including the lathe), glass-blowing, photography and the construction of simple apparatus. This course is designed as an aid and introduction to original research.....Mr. H. T. Pye and Mr. S. Amesse.

O. Thermodynamics.

(Alternate sessions, 1932–33, etc.).

A general course with special attention to the physical basis of thermodynamical concepts, and to the technique of deriving and applying thermodynamical relations.

One hour.....Professor Shaw.

Text-book:—Birtwistle's Thermodynamics.

P. Electron Theory.†

A development of the theory of optical dispersion, molecular scattering of light, theories of magnetism, electrical and thermal conduction in metals, thermionics, and fundamental properties of the electron.

Two hours.....Professor King.

Text-books:—Richardson's Electron Theory (C.U.P.); Lorentz' Theory of Electrons (Stechert).

Reference:—Reports of the Solvay Congresses and current scientific literature.

---

†Courses J and P are sometimes combined and given as one course, two hours per week.

Q. Spherical Astronomy and Combination of Observations.

Text-books:—Ball's Spherical Astronomy; Newcomb's Spherical Astronomy.

Three hours.....Professor Gillson.

(Maths. 3 and 4, prerequisite.)

***R. Astrophysics.**

Spectroscopy as applied to the problems of Astrophysics; the temperatures, sizes, positions and motions of the stars, with practical measurements on typical stellar spectrograms.

Three hours.....Dr. Douglas

Text-books:—Russell's Astronomy, vol. ii (Ginn); Dingle's Astrophysics (Collins); Stratton's Astronomical Physics (Methuen).

(Maths. D and F, and Physics 5B prerequisite.)

S. Mathematical Physics, Wave Mechanics, etc.

One hour.....Professor Gillson.

†T. Logic of Physics.

A study of the symbolism of physical methods and theories, the nature of philosophical problems in physics, resolution of modern problems.

One hour.....Professor Watson.

†U. Statistical Mechanics.

One hour.....Professor Watson.

References:—Rice's Statistical Mechanics; Fowler's Statistical Mechanics.

*Students who have received instruction in Astronomy may apply to proceed to the Dominion Observatory at Ottawa for work in summer.

A suitable selection of the above courses may be made when Physics is taken as a minor subject. A general paper on elementary physics is also given when Physics is a minor subject.

EXAMINATION AND THESIS REQUIREMENTS

Prerequisite.—The equivalent of the McGill Undergraduate Honour Course in Mathematics and Physics. A sound knowledge of differential and integral calculus, differential equations, and some acquaintance with the theory of functions; analytical geometry, plane and solid; statics, dynamics of a particle, rigid dynamics, electromagnetic theory and electrical measurements; geometrical and physical optics; theory of heat; properties of matter; an introduction to mathematical physics and to molecular physics, and at least elementary chemistry.

---

†Courses T and U are given in alternate sessions. U will be given in 1932–33.

M.Sc. Course and Requirements.—A thesis on research work; a reading knowledge of French or German; a good standing in examinations on courses K,M,T, and one of I,L,O,R, and also mathematics D. In special cases G and H may be substituted for one of I,L,O,R.

Ph.D. Course.—Completion at the beginning of the Second Year of an examination proving a reading knowledge of French and German; research work; thesis on research work; further courses and acquaintance with Modern Physics, e.g., kinetic theory, relativity, thermodynamics, hydrodynamics, electron theory, wave mechanics, Röntgen rays, spectroscopy, astrophysics, geophysics. After taking the M.Sc. Degree a student may present himself one year later for a written and oral examination whereby he may show his general knowledge of Modern Physics, together with a special knowledge of some branch in which he is interested. Four papers are set each candidate at the end of May, and special attention is paid to the solution of problems set in these papers.

Final Year.—After passing the above examination the student devotes most of his time to research, and to the allied theoretical work and reading, so that time is also devoted to work in the library, and to conferences or colloquia. After the thesis is accepted there is an oral examination on the regions of Physics to which the research work is related.

Attendance at meetings of the Physical Society, Journal Club, and Colloquium, together with the presentation of papers, form an important element in the training of M.Sc. and Ph.D. students. The above statement is descriptive of past experience. Every effort will be made by the department to encourage enterprise in research, and originality and sound thinking, to which end all regulations are secondary and subservient.

DEPARTMENT OF PHYSIOLOGY

PROFESSOR OF PHYSIOLOGY:—JOHN TAIT
RESEARCH PROFESSOR:—B. P. BABKIN
ASSISTANT PROFESSOR:—N. GIBLIN
LECTURER:—S. DWORKIN

COURSES FOR THE DEGREE OF MASTER OF SCIENCE

A. Lectures on Autonomic Nervous System. . . Professor Babkin.

B. Lectures on Selected Advanced Topics. . . . Professor Giblin.

C. Lectures on Structure and Function. . . . . Professor Tait.

D. Advanced Laboratory.

E. Physiological Colloquium.

REQUIREMENTS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Courses for a second year, toward the degree of Doctor of Philosophy, may be selected from those set forth above which have not already been taken in the first year of graduate study.

The advanced courses in physiology have been designed with two things in view: (1) to provide higher training for graduates who look forward to an exclusive academic career either in physiology or in some cognate branch of biological or medical science; (2) to offer increased facilities of study to the younger clinicians of the school. The work is arranged to meet the individual needs of each student.

DEPARTMENT OF PSYCHOLOGY

PROFESSOR:—WILLIAM D. TAIT

ASSOCIATE PROFESSOR:—CHESTER E. KELLOGG

The Psychological Laboratory is adequately equipped with apparatus for original investigation in all branches of human psychology, including abnormal and applied. The research rooms are provided with gas, compressed air, 110-volt D.C. current, 6 and 8-volt battery circuit from storage batteries and electrical inter-room connections. There is a workshop, sound-proof room, and photographic dark room.

The Library is well supplied with nearly all the leading English, German, French and Italian periodicals, monographs, and other special publications in addition to the standard works in each language.

COURSES FOR M.A. AND PH.D.

A. Psychological Laboratory. Experimental investigations in human psychology under the immediate direction of members of the Department. Laboratory conferences are held monthly, at which students receive constructive criticism in their work.
Professors Tait and Kellogg.

B. Seminar in Feelings and Emotions. History of the problem, physiological correlates, methods of investigation and results, measurement, theories, etc.
Professor Tait.

C. Seminar in Systematic Psychology. Not given in 1932–33. Topic for 1933–34 will be:—Troland's System of Psychophysiology.
Professor Kellogg.

D. Abnormal Psychology. Relation between normal and abnormal mental life, disorders of the senses and higher processes, disturbances of personality, conflict, dissociation, etc.

E. Advanced Psychology. The psychology of William James.
Professor Tait.

F. Advanced Statistical Methods. Theory of classification and association; probability and sampling; the normal curve; skew frequency curves—systems of Pearson and the Scandinavian school; general theory of correlation—frequency surfaces and regression; correlation by special methods; reliability; partial and multiple correlation; contingency, the Chi-square test, etc.
Prerequisites:—Mathematics 1B and either 2 or 3.
Professor Kellogg.

G. Theory of Mental Measurements. The psycho-physical methods; measurement of intelligence; the Spearman factor theory; theory and measurement of character.
Prerequisite:—Course 10.
Professor Kellogg.

H. Theory of Aptitude and Achievement Tests. Construction and use of standard tests; critical study of tests—validity and reliability; special aptitudes—theory and measurement; detailed study of clerical and mechanical aptitudes; technique of aptitude test construction and standardization.
Prerequisites:— Courses 10 and 11, or Course 12.
Professor Kellogg.

I. Experimental Education.
By arrangement.

J. Advanced Psychotechnics.
By arrangement.

For other courses open to graduate students, see page 163.

NOTES REGARDING THE FOREGOING COURSES

1. Admission to graduate study is limited to students who have taken honours in Psychology for their B.A. degree or its equivalent. The term "equivalent" is used in a restricted sense, and no student coming from any other university is admitted to study for an advanced degree unless his training has been of a kind amply to equip him to undertake it.

2. The first year of graduate work consists of 12 hours per week, at least, of regular work, including lecture courses, seminar and research work, and, with a satisfactory thesis this year, qualifies for the Master's degree.

3. The second year consists of an equal number of hours of work, but more time is devoted to research; for example, one seminar, one lecture course, and the remainder of the time to research, or two seminars and the remainder of the time to research would be required this year.

4. In the third year at least eight hours are given to research and the remainder to seminars and lectures.

5. In addition to his regular work in the Department, the student has to prepare a thesis of adequate standard based upon personal investigation and research.

6. All students are required to have a knowledge of advanced statistical methods such as correlation, partial correlation, regression equations and methods of testing the reliability of psychological measurements.

7. Candidates are required to possess an adequate knowledge of the main principles of Physics, Chemistry and Physiology, so far as these subjects are cognate to scientific Psychology.

8. A certain amount of ability in shopwork, enough at least to show that the candidate is capable of designing and constructing simple apparatus, is required.

9. The preliminary examination for Ph.D. includes the history of philosophy, logic, principles of psychology, experimental and physiological psychology, statistical methods, contemporary psychology.

10. At the thesis examination the candidate is expected to show an accurate knowledge of the whole field in addition to his special field.

DEPARTMENT OF ROMANCE LANGUAGES

PROFESSOR:—R. DU ROURE

ASSISTANT PROFESSORS:—LUCIE TOUREN FURNESS, LOUIS D'HAUTESERVE

COURSES FOR THE DEGREE OF MASTER OF ARTS

A. Comparative Literature (Department of English, Course 16).
Three hours.....Professor Noad.

B. Methodologie.
One hour.....Professor du Roure.

C. Maupassant, 1st term; Leconte de Lisle, 2nd term.
One hour.....Professor Furness.

D. La Société Française dans ses rapports avec la littérature.

E. Exercices pratiques (Colloquia).
One hour.

***F. Histoire du roman en France.**
Three hours. (Given in 1932–33).....Professor du Roure.

***G. Histoire de la langue française.**
One hour. (Given in 1933–34).....Professor d'Hauteserve.

***H. Histoire de la poésie lyrique en France.**
Three hours. (Given in 1933–34).....Professor du Roure.

Candidates for the Master's degree in French only will take courses A to E inclusive, and also one of E, F, G.

Those taking French as a major will omit A and either B, C or D.

Those taking French as a minor will take E and one of the one-hour courses.

The M.A. thesis must be written in French.

Students from other Provinces and States where the opportunities of speaking French are small cannot normally obtain an M.A. in less than two years.

THE SUMMER SESSION COURSES

A student taking one session of the advanced course in the French Summer School is exempted from the corresponding number of hours for the M.A. degree.

---

*These are also Honour courses in the Faculty of Arts and Science.

A student taking two sessions of the advanced course is exempted from half of the regular session.

A student taking four sessions of the French Summer School advanced course is exempted from attendance during the regular session and will receive the M.A. degree on presenting an acceptable thesis in French under the direction of the Department.

DEPARTMENT OF SOCIOLOGY

PROFESSOR:—CARL ADDINGTON DAWSON

ASSISTANT PROFESSOR:—EVERETT CHERRINGTON HUGHES

Facilities consist of:—

(1) *Seminar room*, with facilities for mapping and charting of social data. Basic population and other social data are accumulating rapidly. All such data remain available to students.

(2) *Library.*—Graduate students are allowed special privileges in the University Library. This library contains (a) the standard works on sociology and cultural anthropology and (b) census reports, special monographic studies and other material necessary to research. Additional sources of material are the other libraries of Montreal, especially those of the French and the archives of the city, which contain original data.

(3) *Research.* (a) National problems.—Where the data are a matter of record, Montreal has an advantage by virtue of its position as the headquarters of many national organizations as well as by its proximity to Ottawa. (b) The city of Montreal.—In social research the first requisite is a community in which social processes can be seen and studied at first hand. Montreal, a large and complex city, furnishes an array of research problems unequalled elsewhere in Canada. The Department of Sociology has undertaken an organized programme of urban research under competent direction. The student has, therefore, the double advantage of a wide range of problems and of contributing to an accumulative scheme of research.

COURSES FOR THE DEGREE OF MASTER OF ARTS

***A. The Community.** Third and Fourth Years.
The community as the unit of approach in the study of the social, industrial and political phases of urban and rural life.

(Given in 1933–34).....Professor Dawson.

***B. Social Origins.**
The culture and social organization of primitive or pre-literate peoples, including anthropological data on:—Marriage and kinship; property and the division of labour; magic, religion and science; taboos, customs and morals; myth, folklore and legend; art, ornament and decoration; war, slavery, punishment and the state; the mind of primitive man.

First Term, Mon., Wed., Fri., at 9.....Professor Hughes.

***C. Social Movements.**

The natural history of typical social movements, such as revivals, migrations, revolutions, reform and political movements; classification of such movements; the "life-cycle" of a social movement, social movements in relation to social change.

Second Term: Mon., Wed., Fri. at 9.....Professor Hughes.

***D. Culture Areas in Canada.**

The application of anthropological and sociological methods to the study of culture areas in Canada. Research projects to discover the indices of culture organization and social change in the various areas. The conflict of British, American and Canadian culture patterns in Canada.

(Not given in 1932–33).....Professor Dawson.

E. Social Institutions.

The institution as a unit of social structure and as a bearer of culture; the processes by which institutions arise, develop and die; the life-cycle of such institutions as the sects, the church, the school, the newspaper, etc.; crises and the reorganization of institutions.

(Given in 1933–34).....Professor Hughes.

F. Social Attitudes and Personality.

Social situations and the development of social attitudes; the process of social conditioning in relation to personal organization; social types; problems dealing with the social adjustments of persons. An extensive use of descriptive material, biographical and autobiographical documents.

Hours to be arranged.....Professor Dawson.

G. Graduate Seminar. Research Projects, Theory and Methods. In this course social theory and research methods are linked up with the specific research projects of the students.

Hours to be arranged.....Professor Hughes.

Written examination in each course of study and a general theory examination are required of each candidate.

NOTE.—The starred courses are also Honour Courses in the Faculty of Arts and Science. Each graduate student who takes this course is required to undertake an original project in addition to the undergraduate requirement.

DEPARTMENT OF THEOLOGICAL STUDIES

PROFESSOR OF JEWISH HELLENISTIC LITERATURE, MCGILL UNIVERSITY:—GEORGE ABBOTT-SMITH

PROFESSOR OF CHURCH HISTORY AND PHILOSOPHY OF RELIGION, CO-OPERATING THEOLOGICAL COLLEGES:—O. W. HOWARD

PROFESSOR OF CHURCH HISTORY, CO-OPERATING THEOLOGICAL COLLEGES:—WILLIAM A. GIFFORD

PROFESSOR OF OLD TESTAMENT LITERATURE AND EXEGESIS, CO-OPERATING THEOLOGICAL COLLEGES:—R. B. Y. SCOTT

PROFESSOR OF NEW TESTAMENT LANGUAGE AND LITERATURE, CO-OPERATING THEOLOGICAL COLLEGES:—JAMES SMYTH

PROFESSOR OF NEW TESTAMENT LANGUAGE AND LITERATURE, CO-OPERATING THEOLOGICAL COLLEGES:—R. K. NAYLOR

A selection from the following courses may be taken as fulfilling the requirements of a minor subject for the degree of Master of Arts.

OLD TESTAMENT

A. Introduction—Canon, Text and Introduction to the Historical Books. Exegesis—Selections from the Historical Books or Prophetical Books.
Three hours a week throughout the year.....Professor Scott.

NEW TESTAMENT

B. Introduction. Course in three parts.
(1) History of New Testament Times.
(2) Canon and Text.
(3) The Language of the New Testament.
Three hours a week throughout the year.
Professor Abbott-Smith and Professor Naylor.

C. Introduction to the Acts and Pauline Epistles; and Exegesis (Greek) of the Epistles to the Galatians and Ephesians.
Three hours a week throughout the year.
Principal Smyth and Professor Naylor.

D. Introduction to the Catholic Epistles; and Exegesis (Greek) of the Epistles of St. James, First St. Peter, and First St. John.
Three hours a week throughout the year.
Principal Smyth and Professor Naylor.

E. The Rise and Progress of Protestant Christianity in Europe until the close of the 16th Century.
Two lectures a week with weekly colloquium....Prof. Gifford.

F. History of the Christian Church in the First Six Centuries. Two lectures a week with weekly colloquium....Prof. Howard.

G. History and Comparative Study of Religions—chiefly Hindu, Buddhist, Zoroastrian and Mohammedan (Islam). Two hours a week for two terms.....Professor Gifford.

DEPARTMENT OF ZOOLOGY

PROFESSORS:—{ARTHUR WILLEY (on leave)
H. B. FANTHAM

ASSOCIATE PROFESSOR:—N. J. BERRILL

ASSISTANT PROFESSOR:—V. C. WYNNE-EDWARDS

LECTURERS:—JEAN T. HENDERSON, B. W. TAYLOR

DEMONSTRATORS:—M. NOTKIN, MRS. K. TERROUX

A. Vertebrate Zoology. An introduction to the biology, morphology, embryology and evolution of vertebrate animals, with dissection of the principal types.
2 hours lecture and 3 hours laboratory throughout the year.
Prof. Berrill.

B. Invertebrate Zoology. A survey of the structure, physiology, behaviour, development, and evolution of the various groups of invertebrate animals.
2 hours lecture and 3 hours laboratory throughout the year.
Prof. Wynne-Edwards.

C. Ornithology. A study of the evolution, behaviour, distribution, flight and structure of birds.
2 hours lecture and 3 hours laboratory work for the first term.
Prof. Wynne-Edwards.

D. Arthropoda. A survey of the behaviour, structure, function, and evolution of crustaceans, spiders, and insects and insect societies.
2 hours lecture and 3 hours laboratory work for the second term.
Prof. Wynne-Edwards.

E. Comparative Embryology. A comparative account of the development and evolution of animals.
2 hours lecture and 3 hours laboratory work for the first term.
Profs. Berrill, Wynne-Edwards and Mr. Taylor.

F. Experimental Zoology. The comparative physiology of the lower vertebrates, the invertebrates, together with an introduction to cellular physiology.
2 hours lecture and 3 hours laboratory work for the second term.
Dr. Terroux.

McGILL UNIVERSITY LIBRARY SCHOOL

REQUIREMENTS FOR ADMISSION

1. Applicants for admission to the course leading to the degree of Bachelor of Library Science must have a Bachelor's Degree from a recognized college or university and must present an official transcript of their college record.

2. Two months' satisfactory general experience in an approved library or its equivalent is recommended as desirable.

3. Applicants over thirty-five years of age are not encouraged to enter the School.

4. Applicants for admission must fill in the School Application Form and attach thereto a recent protograph.

5. Ability to use a typewriter is a valuable part of the equipment of a library assistant, and students are encouraged to provide themselves with a portable typewriter or should rent one from the School.

PARTIAL STUDENTS

A limited number of qualified students who are not candidates for the degree may be admitted to individual courses as partial students. Details may be obtained on application.

REGISTRATION AND ATTENDANCE

REGISTRATION:

1. Students in the Library School are required to present themselves at the office of the Library School some time during the seven week-days preceding the commencement of lectures, in order to furnish the information necessary for the University records, and to register for the particular courses which they wish to attend.

2. At registration each student receives cards of admission to the courses he is to take. At the first lecture in each course he presents the appropriate card to the instructor who enters his name in the class-roll. In certain cases where it may be more convenient the class-roll is sent to the instructor by the School.

ATTENDANCE:

The attendance rules are those of the Faculty of Arts and Science. (See page 106.)

SCHOLARSHIP AND PRIZES

1. The Ethelwyn M. Crossley Scholarship Fund is available for women students. Details may be obtained on application to the Secretary of the School.

2. Book prizes are given to the most efficient student in the courses on Library Administration, The History of the Book, Literature for Children, Cataloguing, and Reference Work.

PHYSICAL EXAMINATION

1. All students entering the University are required by the Provincial Board of Health to present a certificate, or other satisfactory evidence, of successful vaccination within seven years, or of insusceptibility to vaccine within five years, failing which they shall at once be vaccinated in a manner satisfactory to the Medical Examiner.

2. Students must also present a Certificate of Health, which may be obtained from the School and which should be filled in and signed by a physician.

FEES AND EXPENSES

1. REGULAR STUDENTS:

Fees are due and payable to the Bursar at his office on October 17, but they will also be received before October 1. After October 18 or February 1 (as the case may be) an additional fee of $2.00 will be exacted of all students in default.

Fee for the Library Course (including the use of the Library, and Diploma)	$150.00
By instalments:	
First instalment, if paid before October 18	77.00
Second instalment, if paid before February 1	77.00
Fee for each supplemental examination	10.00

2. PARTIAL STUDENTS:

Fee for partial students, per point, in required courses	15.00
Fee for partial students, per point, in elective courses	12.50
Library fee for partial students taking less than two points, unless already registered at McGill	4.00
Certificate for partial students	1.00

Immediately after October 18 (or February 1, in the case of students who pay by instalments), the Bursar will send to the Director of the School a list of registered students who have not paid their fees. Such students cannot be re-admitted to classes except on presentation of a receipt signed by the Bursar certifying the payment of the necessary fees.

3. Student Activities:

A fee of $3.00 is required of all students for Athletics and use of Athletic Grounds, and $1.50 for the *McGill Daily*.

4. Caution Money:

Every student is required to deposit with the Bursar the sum of $20.00 as Caution Money to cover damage done to furniture, books, apparatus, etc. This amount, less deduction (if any), will be refunded at the end of the session, *on presentation of receipt.*

5. Field Work:

The Library School trip to New York in March is a required part of the Library Course, and students should allow a minimum of $75.00 for this purpose.

6. Textbooks and Materials:

Students should allow approximately $35.00 for textbooks, blank forms, cataloguing cards, and other library supplies needed during the session. These may be purchased at cost from the Secretary of the School. Portable typewriters may be rented, for use in the School only, at the rate of $1.00 per month.

7. Board and Residence:

Information about boarding and lodging houses may be obtained on application to the Secretary of the School. Accommodation can be obtained in private houses in the vicinity of the Library at a cost of $45.00 and upwards per month; or, separately, board at $30.00 to $45.00 per month, and rooms from $15.00 to $20.00 per month. Men students can obtain board at the McGill Union at low rates.

8. Graduate Women's Hostel:

Accommodation is now available for about nineteen women students at the Hostel located at 3466 University Street at the rate of $170.00 for the session of eight months, which can either be paid at the beginning of the session at the same time as the tuition fees are paid, or in two instalments, one at the beginning of the first term and the second at the beginning of the second term. An additional charge of $5.00 is made in the case of the instalments. Where it is necessary to share a double room the rate is $150.00 per student for the session. Rooms cannot be reserved for a shorter period than the University session. Meals can also be obtained from the Royal Victoria College at the rate of $320.00 for the session. This covers breakfast, lunch and dinner. If breakfast and dinner only are required the charge is $220.00. It is necessary to

make arrangments for the above accommodation in advance, and a deposit of $10.00 must be forwarded with the application to: Miss Edith Nicholson, The Registrar's Office, McGill University.

9. Clubs and Societies:

Women students of the School are eligible for membership in the Monteregian Club, 3426 McTavish Street, and in the University Women's Club, 3492 Peel Street, in the immediate neighbourhood of the School.

LIBRARY VISITS

The lectures and practice work of the School are supplemented and illustrated by required professional visits and reports:

(*a*) Visits to libraries, binderies, book shops, museums, and printing establishements in Montreal and its neighborhood.

(*b*) A week's visit, under the direction of members of the Faculty to similar institutions in New York and adjacent cities.

PRACTICE WORK

After the final examinations, two consecutive weeks of practice work in a library of recognized standing are required. This affords the student an opportunity to acquire confidence in carrying out duties while under the supervision of an experienced librarian, and, at the same time, to observe how theories learned throughout the course are adapted to meet practical conditions.

ACADEMIC COSTUME

Bachelors of Library Science of McGill University are entitled to wear the regulation black Bachelor's gown and a Bachelor's hood of burnt orange silk and trimmed with white fur.

COURSE OF STUDY—1932-33

FIRST TERM

	Required	Hours	Elective	Hours
For all students. 15 hours to be taken.	Cataloguing	4	History of the Book	2
	Reference and Bibliography	4	Publicity and Extension	1
	Book Selection	3		
	Administration	2		
	Order Work and Trade Bibliography	1		

SECOND TERM

	Required	Hours	Elective (or equivalents from other groups)	Hours
GROUP A *For college library assistants.* 15 hours.	College and University Libraries	2	Book Selection	1
	Administration	2	Advanced Classification	2
	Classification and Cataloguing	2	Special Libraries	2
	Reference and Bibliography	2		
	Circulation	1		
	Documents	2		
	Field Work	2		
GROUP B *For special library assistants.* 15 hours.	Special Libraries	2	Book Selection	1
	Administration	2	College and University Libraries	2
	Classification and Cataloguing	2		
	Advanced Classification and Cataloguing	2		
	Reference and Bibliography	2		
	Circulation	1		
	Documents	2		
	Field Work	2		
GROUP C *For children's and school library assistants.* 15 hours.	Library Work with Children	2	Classification and Cataloguing	2
	School Libraries	1	Book Selection	1
	Administration	2		
	Reference and Bibliography	2		
	Circulation	1		
	Field Work	2		

Details of the Courses are given in the Special Library Announcement.

Lib. Sci. 1.—*Classification and Cataloguing.* Four points, first term. MISS BATESON.

Lib. Sci. 2.—*Classification and Cataloguing.* Two points, second term. MISS BATESON.

Lib. Sci. 4.—*Advanced Classification.* Two points, second term. MISS BATESON.

Lib. Sci. 5—*Reference Work and Bibliography.* Four points, first term. MISS PARSONS.

Lib. Sci. 6—*Reference Work and Bibliography.* Two points, second term. MISS HIGGINS.

Lib. Sci. 7—*Book Selection.* Three points, first term. PROFESSOR CARTER.

Lib. Sci. 8—*Book Selection.* One point, second term. PROFESSOR CARTER.

Lib. Sci. 9—*Order Work and Trade Bibliography.* One point, first term. MISS PARSONS.

Lib. Sci. 10—*Circulation.* One point, second term. MISS HIGGINS.

Lib. Sci. 11—*Administration of Libraries.* Two points. First term. DR. LOMER AND MISS PARSONS.

Lib. Sci. 12—*Administration and Organization of Libraries.* Two points. Second term. DR. LOMER, MR. TURNER, and SPECIAL LECTURERS.

Lib. Sci. 13—*History of Books and Libraries.* Two points, first term. DR. LOMER.

Lib. Sci. 15—*Library Publicity and Extension.* One point, first term. DR. LOMER and PROFESSOR CARTER.

Lib. Sci. 18—*Field Work, Observation and Visits.* Two points. Second term.

Lib. Sci. 20—*College and University Libraries.* Two points, second term. DR. LOMER and PROFESSOR CARTER.

Lib. Sci. 22—*Library Work with Children.* Two points, second term. PROFESSOR CARTER.

Lib. Sci. 24—*Special Libraries.* Two points, second term. PROFESSOR CARTER and SPECIAL LECTURERS.

Lib. Sci. 26—*School Libraries.* One point, second term. MISS BATESON.

Lib. Sci. 28—*Canadian Government Documents.* Two points, second term. MISS HIGGINS.

SCHOOL OF PHYSICAL EDUCATION

GENERAL INFORMATION

History and Aims.

The McGill School of Physical Education, which was established in 1912, has grown from a short summer course to a full two years' course and is now officially recognized by, and is an integral part of, McGill University.

It is the only School of Physical Education in Canada with a full two years' course connected with a University, and it has, since its inception, been fulfilling its purpose to provide Canada with a training centre for teachers of physical education, with marked success.

The modern conception of education is one which includes the individual as a unit and which strives to link all subjects in an organic whole. The physical education of to-day contributes to general complete education by means of motor activities which develop desirable standards of conduct, wholesome attitudes, sound habits of thinking, and efficiency of the human machine.

The Field.

The field for trained teachers in physical education is rapidly widening in scope to include such organizations as the following: Public and Private Schools; High Schools; Colleges; Y.M.C.A.'s; Y.W.C.A.'s; Church Clubs; Playgrounds; Recreation Centres; Welfare and Social Clubs; Settlements; Industrial Organizations; Boy Scouts; Girl Guides; Summer Camps, etc.

Qualifications.

Scholastic; Matriculation (see page 77).

It is highly desirable for any student anticipating entrance into this course to take either Chemistry, Physics or Biology in their preparatory work.

Motor Training: A natural aptitude for, and previous training in physical activities, together with a sense of rhythm, is essential.

Personal: The programme of physical education places a rare opportunity in the hands of the instructor, and thus necessitates a forceful personality, guided by high ideals and aspirations, an understanding of people and an ability to organize and control group activities.

Courses Offered.

A two-year course, from September to May, inclusive, is required for the Diploma of the School, and includes an analysis of the underlying principles of general education, educational psychology, the physical

organism as a functioning unit, and a study of the possible contribution of physical education to the problems of modern civilization. Opportunity for practice teaching under staff supervision is provided.

Partial students may be admitted for the study of special subjects.

Facilities.

The University Library and Museums are available for use by the students, as are the University Hockey Rinks, Tennis Courts and the Percival Molson Memorial Stadium.

A special library of selected works and the leading magazines on physical education is available for use by the students in Royal Victoria College.

Through the kindness of the Protestant Board of School Commissioners, Hampstead Public School, the Day Nursery, and the Ladies' Benevolent Society, exceptional facilities are afforded for practice teaching and observation.

Residence.

Residence in the Royal Victoria College is available for the students of the School of Physical Education. First year students, whose homes are not in Montreal, are expected to live in this building and reservation should be made well in advance. Those who do not so apply are required to submit their plans for residence to the Director of the Department of Physical Education for approval. No sanction can be given to establishments of students in apartments, or elsewhere, unless such households are presided over by a parent or other responsible person approved by the University.

No room is assigned for a shorter period than the University session. Students who are requested to withdraw from the University are also required to withdraw from residence.

The charge for board and residence, in addition to the sessional fee for tuition, is $520 ($200 for room, $320 for board) for the session. This may be paid in two equal instalments of $260 in October and February. Room rent includes all expenses of heat and light (not other electrical attachments, for which fees are charged). These charges cover the University session from the day before the last day of registration (September 13th)

until the day after Convocation for students of the second year and until the Monday after the session closes for first year students.

A deposit of $10 is required when a room is reserved, and is deducted from the charges of the first term.

Costume for Women Students.

The regulation costumes of the School must be worn, and students will not be permitted to wear other than the regulation garments. Measurement blanks will be furnished upon registration and students will be advised where the costumes can be secured. A list of articles required, with approximate cost, will be sent to students on application.

Text-Books.

Students will be required to purchase text-books, as the University Library exists for supplementary reading only.

Student Organization.

All undergraduates are members of the McGill Women Students' Society (the official Undergraduate Society for Women).

An Undergraduate Association is also organized by the School of Physical Education, which handles all activities within this group.

Girl Guides.

The 1st Montreal Cadet Ranger Company under the auspices of the School is open to those who wish to have training as Girl Guide Leaders.

ENTRANCE REQUIREMENTS

1. Students are required to have passed the Matriculation Examination, as follows:—

1. **English** (two papers).
2. **History** (one paper).
3. **Elementary Mathematics** [**Algebra** (one paper) and **Geometry** (one paper)].
4. One of the following:—
   Physics, Chemistry, Botany, Zoology (one paper).
5. One of the following:—
   Latin, French, Greek, German, Spanish (two papers).

For requirements in each subject and other information regarding the examination, see pages 77 to 86.

A candidate who has qualified for admission to the Faculty of Arts and Science will also be accepted for the School of Physical Education.

Students holding the Degree of B.A. or B.Sc. are eligible for advanced standing, provided the undergraduate work included such courses as Education, Psychology and Science. A complete statement of the courses covered, together with the practical experience of the student, must accompany all such applications. Students entering with advanced standing will be expected to have had broad experience in motor activities.

For details of Medical Examination, Vaccination, and Health Service, see page 105.

Admission.

Only women students are admitted to the regular courses in the School. They will not be admitted if they are less than eighteen (18) or more than twenty-seven (27) years of age, except under special conditions. A personal interview is advisable and applicants must have had some practical experience in physical work before registration. Registration for the Session 1932-33 is limited to fifty (50) students and priority will be given to applicants who do not have conditions.

A photograph and two references, one from a former teacher, must be sent direct to the School. Neither reference should be from a relative.

Partial students, both men and women, are admitted to special courses at the discretion of the Committee, and the work done counts toward the Diploma of the School.

Regulations.

1. All students enter the School on an indeterminate probation. Students who are considered unsuitable for the profession are advised to discontinue.

2. A student may at the discretion of the Committee be requested to withdraw at any time for reasons of unsatisfactory work or conduct.

3. Except in the case of illness or emergency, students must not absent themselves without previous permission, and students persistently late or absent will not be allowed to sit for the examinations.

4. A student who, through illness or accident, is absent for a large proportion of the work is advised to discontinue or to take the course in three years.

5. No student is permitted to participate in outside demonstrations, classes or teams, etc., without first having secured permission from the Director.

For Fees see pages 101, 102.

EXAMINATIONS AND PRIZES

Diplomas.

Diplomas are granted to successful students at the end of the session. Strathcona Certificates issued through the Strathcona Trust are granted to students at the end of the First Year.

Fifty per cent is required for a pass, 60 per cent for second class, 75 per cent for first class.

The Educational Diploma is recognized by the Protestant Committee of the Department of Education, Province of Quebec, and the Protestant Board of School Commissioners of Montreal as qualifying students who are British subjects for the rank of Specialist in the Public Schools.

Prizes.

1. SENIOR YEAR GOLD MEDAL.—The School offers a gold medal to the student of the graduating year who attains the highest general proficiency throughout the course.

2. LIEUTENANT-GOVERNOR'S SILVER MEDAL.—This medal is awarded to the student of the Senior Year who attains the second highest general proficiency throughout the course.

3. A Cup, presented by the Class of 1916, is held for one year by the student of the Senior Year gaining the highest standing in practical work.

4. A Shield, presented by the Class of 1925, is awarded to the student attaining highest standing in practice teaching throughout the course and is held for one year by the student.

5. JUNIOR YEAR PRIZE.—The School offers a prize to the student of the Junior Year who attains the highest general proficiency in the sessional examinations.

6. LIEUTENANT-GOVERNOR'S BRONZE MEDAL.—This medal is awarded to the student of the Junior Year who attains the second highest general proficiency in the sessional examinations.

NOTE.—No student is entitled to more than one prize in any one year, and must have full standing in the year the prize is given.

COURSES OF INSTRUCTION

Juniors	Hours	Seniors	Hours
English	2	Physiology of Exercise	1
Physics	1	Individual Gymnastics and Massage	1½
Chemistry	2	Preventive Medicine	2
General Anatomy and Physiology	3	Kinesiology and Applied Anatomy	½
Physical Diagnosis	½	Principles of Education	1
Educational Psychology	1	Organization and Administration	1
History, Education and Physical Education	1	Theory of Physical Education	2
First Aid	½	Child Welfare	½
Psychology of Play	1	Gymnastics	4
Gymnastics	4	Games and Athletics	2
Games and Athletics	3	Dancing	3
Dancing	2	Aquatics	1
Aquatics	1	Practice Teaching	2
Teaching, Observation and Practice Teaching	1		
	23		21½

The hours as stated indicate hours per week for the session of thirty weeks.

THEORY

Juniors

English Literature

General course from Anglo-Saxon times to the present day. Weekly conference hours to be arranged.—Professor Macmillan and Assistants.

Tuesday, Thursday, 12; sometimes Saturday, 12.

Physics

This course is adapted to problems in physical education, so as to give the students an understanding of the practical application of physical laws and principles bearing upon their work.

Mechanics, properties of matter, heat, light, magnetism and electricity.

Dr. Douglas, Professor Reilley. 1st Term, Wed. 9, Fri. 11.

Chemistry

Chemistry 16

This course includes the fundamental principles of general chemistry. It is divided into three sections: Inorganic, Organic and the connection between these and the Chemistry of Daily Life.

Throughout the course stress is laid on all those principles relating to health which can be explained by known chemical reactions.

Dr. Hatcher. 1st and 2nd Terms, Tues. and Thurs. at 9.

General Anatomy and Physiology

The purpose of this course is to give the student a clear conception of the human body as a *living mechanism* in which the functions and structure are inseparably related, and in which the activities of all parts are intimately co-ordinated. As far as possible, therefore, the anatomy and physiology of the various organs and systems are considered together.

Dr. Lamb. 1st and 2nd Terms, Mon., Wed., Fri. 9.

Physical Diagnosis

Lectures and practical demonstrations in the methods of examination for defects of posture and development, especially of the spine and thorax; description of deformities due to disease; tests for sight, hearing, nasal obstruction; examination for dental defects. Practice in methods of examination is carried on under supervision in the Senior Year.

The application of this material is made to educational institutions, including such follow-up procedures as: the hygiene of instruction, conservation of sight classes, fresh air rooms, school clinics, etc.

Dr. Harvey, Miss Herriott. 2nd Term, Wed. 3.

Educational Psychology

A brief outline of general psychology, with special reference to the erlation between mind and body and the most important principles of educational psychology, including a study of original nature, the laws of learning, transfer of training, etc.

Dr. Tait. 2nd Term, Mon. and Wed. 11.

History of Education and Physical Education

The development of physical education through the different periods of world history. Attention is given to the characteristics of the people and to the ideals and customs of time and place as determining factors in the development of general education and of physical education.

Miss Herriott. 2nd Term, Thurs. 10, Sat. 9

First-Aid

The endeavour in this course is to give the student a thorough practical knowledge of the correct action to take in cases of emergency.

Successful students qualify for the certificate of the St. John Ambulance Association.

Dr. Tees. 2nd Term, Fri. 11.

Psychology of Play

This course will relate the Psychological principles to the actual activities of child life and the types of activity best suited for children of varying ages and development; theories of play, etc.

Actual practical work and visits to grounds form part of the course.

Dr. Lamb, Mr. Bowie 1st Term, Tues., Thurs. 10.

SENIORS

Physiology of Exercise

The object of the course is to study by lectures and practical demonstration the effects of exercise on the neuro-muscular system, metabolism, respiration, circulation, etc. The work in this course will supplement and apply the problems studied in physiology to the working power of the human machine.

Dr. Lamb. 2nd Term, Wed., Fri. 10.

Principles of Physical Education

A study of the contributions of psychology, biology and physiology to physical education, an analysis of the aims and objectives of physical education in relation to general education, standards for evaluating physical education activities and the underlying principles of curriculum construction.

Miss Herriott. 1st and 2nd Terms, 2 hours per week.

Individual Gymnastics and Massage

General consideration of movements used for remedial treatment; actual practice in class work.

A consideration of the theory and effects of massage. Its general usage and benefits.

Mrs. McKean. 1st Term, Tues., Thurs., Sat. 9.

Preventive Medicine

Bacteriology and Serology. The more common pathogenic organisms and communicable diseases; their relation to health; precautions against and means of combating pathogenic organisms.

Personal Hygiene. The philosophy of health; the social responsibility of the individual; the principles of mental hygiene and the laws of healthful living.

Public and School Hygiene. Health organizations and the means for the maintenance of health; occupational diseases and the effect of various occupations on health.

Miss Herriott, Dr. Starkey. 1st and 2nd Terms, Tues., Thurs. 11.

Kinesiology and Applied Anatomy

A general review, by means of lectures and demonstrations, of the mechanics of movement of the human machine.

Dr. Harvey. 2nd Term, Mon. 11.

Principles of Education

A study of the underlying principles of general education, including concomitant learnings, the project method, the doctrine of interest, coercion in learning, etc. Application is made to the field of physical education.

Miss Herriott. 1st Term, Wed., Fri. 9.

Organization and Administration

A study of various problems in organization and administration, from arranging a simple schedule of competitive events to the organization and supervision of a Department of Physical Education.

Dr. Lamb. 1st Term, Wed., Fri. 10.

Child Welfare

A study of child life and the influences necessary to the normal development of the child, the treatment of dependent, neglected, delinquent and defective children; child-welfare legislation.

Professor Hughes. 1st Term, Sat. 10.

ACTIVITY COURSES

JUNIORS AND SENIORS

The practical courses are planned to enable the student to gain not only an adequate knowledge of the numerous activities in physical education, but also to attain a moderate degree of skill in each type and to be able intelligently to teach and direct motor activities.

The student is made thoroughly familiar with the broad underlying principles of practical work and is furnished with ideas and ideals, thereby facilitating the application to any conditions which may arise in the teacher's field of endeavour.

Gymnastic Floor Work

SECTION I. Marching tactics and apparatus work.

SECTION II. Tumbling, pyramids, self-testing, game skills.

SECTION III. Danish gymnastics, exercises with hand apparatus.

SECTION IV. Lecture devoted to the use of the material given in the activity periods.

Mr. Finlay, Miss Herriott, Mr. Holtze, Miss Wain.

Games and Athletics

SECTION I. The teaching, organization and constructing of games of low organization suitable to various ages of childhood.

SECTION II. The fundamentals of games of high organization, such as basketball, baseball, tennis, field and ice hockey, archery, badminton, etc. An opportunity is offered to develop efficiency in coaching and officiating.

SECTION III. Track and Field activities are studied in the Fall season.
Miss Harvey, Miss Herriott, Mr. Van Wagner, Miss Wain.

Dancing

SECTION I. Folk, National and Character Dancing.
Technique and dances suitable for elementary and high school grades.

SECTION II. Interpretative Dancing. This material is a rhythmic expression of the native and fundamental activities and includes child rhythms and plays, music interpretation and natural dances.

SECTION III. Theory of the Dance. Lectures including the history and development of the dance, its relation to other arts, to physical education and to general education.
Miss Harvey, Miss Wain.

Practice Teaching

Junior Year

During the first term, observations will be scheduled.

During the second term, practice teaching, under staff supervision, is required at the Montreal Day Nursery and Ladies' Benevolent Society.

Senior Year

From October to March, practice teaching under staff supervision is required at the Montreal Day Nursery, Ladies' Benevolent Society and Hampstead Public School.

In addition to the above, each senior student is provided with a class outside the University, for which she assumes the full responsibility.

SCHOOL FOR GRADUATE NURSES

COURSES, DIPLOMAS AND CERTIFICATES

Conditions governing registration for degrees for students in the School for Graduate Nurses are stated under Entrance Requirements.

The Courses offered in the School prepare qualified nurses to act as instructors, supervisors, assistants, or superintendents and directors in schools of nursing and hospitals, and in public health nursing. The curricula consist of advanced professional courses with academic courses in education and the underlying biological, physical and social sciences. These academic courses are available in the Faculty of Arts and Science and in the Department of Public Health and Preventive Medicine, Faculty of Medicine.

The University and Faculty Libraries as well as the professional library of the School are available to all students.

Facilities for the study of modern nursing and for observation and practice in teaching, in supervision and in administration of hospitals and schools of nursing are offered in the following hospitals connected with the University:—the Alexandra Hospital, the Children's Memorial Hospital, the Montreal General Hospital, the Royal Victoria Hospital, the Maternity Hospital of the Royal Victoria Hospital, the Shriners' Hospital for Crippled Children.

Ample opportunities for study and field work in all branches of community public health and social welfare are provided by the following:—The Child Welfare Association, the Family Welfare Association and other social agencies, the Mental Hygiene Institute, the Municipal Health Department, the Victorian Order of Nurses, maternity clinics, medical social service departments of hospitals, industrial clinics.

COURSES FOR DIPLOMAS AND CERTIFICATES

The following courses representing five fields of major interest in nursing are offered:—

I. Teaching in Schools of Nursing.
Diploma:—Instructor in Schools of Nursing.

II. Supervision in Hospitals and Schools of Nursing.
Diploma:—Supervisor in Hospitals and Schools of Nursing.

III. Administration in Hospitals and Schools of Nursing.
Diploma:—Superintendent of Nursing and Director of School of Nursing.

IV. Visiting Nursing and Health Teaching.
Diploma:—Visiting Nurse and Health Teacher.

V. Administration and Supervision in Public Health Nursing.
Diploma:—Supervisor in Public Health Nursing.

Length of Courses:—The courses of study which lead to one of the above graduate *diplomas* in nursing extend over two sessions of eight months each, (exclusive of time spent in field work) and provide a thorough professional preparation.

A *certificate* in one of the above fields may be granted upon the satisfactory completion of approved courses of study which extend over one session of eight months (exclusive of required field work).

The minimum period of residence for a certificate or diploma is one year.

ENTRANCE REQUIREMENTS

(1) PROFESSIONAL REQUIREMENTS

1. All applicants must present evidence of the satisfactory completion of the undergraduate professional course in nursing in a school of nursing of approved standards. Applicants must also be registered when coming from a state or province where registration is in force and must be eligible for membership in the state, provincial and national nursing organizations.

2. Applicants for the courses in supervision in either schools of nursing or in public health organizations must present evidence of adequate experience in graduate professional service and demonstrated fitness for the more responsible teaching and executive positions.

3. Applicants for the courses in administration in either schools of nursing or in public health organizations must present evidence of adequate experience in graduate professional service, including a period of at least two years in teaching and executive positions where they have demonstrated qualifications for professional leadership.

(2) ACADEMIC REQUIREMENTS

Applicants must present evidence of matriculation standing, with the following exception: *Mature* applicants who fail to meet the required matriculation standard but who present exceptional professional and personal qualifications may, at the discretion of the Director, be admitted as partial students or as candidates for a certificate or diploma in nursing in one of the major courses offered.

Matriculated students admitted to the School as candidates for a certificate or a graduate diploma in nursing may register as partial students in the Faculty of Arts and Science, the courses taken, with the approval of the Dean, being later credited, if desired, toward a Bachelor of Arts or Bachelor of Science degree.

(3) PHYSICAL REQUIREMENTS

These conform to the health standards required by the University. Applications must be accompanied by a certificate of medical examination and of successful vaccination within seven years, upon forms supplied by the School in accordance with provincial health regulations. In addition, students are required to report for the health examination conducted by the Department of Physical Education. (Students reporting for this examination after November 1st are required to pay a fee of $5.00), and any student who has failed to comply before the 8th of November, will be fined an additional $5.00.

APPLICATION FOR ADMISSION

Candidates for admission to the School should make application on the prescribed forms which may be obtained from the Director, School for

Graduate Nurses, McGill University. As the number of students who may be admitted to certain courses is limited, it is advisable to make application for admission at an early date.

ADMISSION TO ADVANCED STANDING

A student of another university may, at the discretion of the Director of the School, be granted exemption from one or more courses. Students claiming such exemption must submit a Calendar of the University in which the course was taken, and a certified record of their standing.

REGISTRATION AND ATTENDANCE

1. REGISTRATION

Students in Public Health Nursing will register on September 1st for field work.

Other students will register on September 26th to 28th.

The opening lecture will be given on September 29th.

Students are required to consult the Director at the time of registration.

2. ATTENDANCE

1. Students are required to attend at least seven-eighths of the total number of lectures or laboratory periods in any one course. Those whose unexcused absences exceed one-eighth of the total number of lectures in a course are not permitted to come up for the regular examination in that course, and those whose unexcused absences have exceeded one-fourth must repeat the work in that course.

Excuses on the ground of illness, domestic affliction or accident, are dealt with only by the Deans of the Faculties in which the lectures are given or by the Director of the School.

Excuses for absences in excess of one-eighth are entertained only in cases of serious illness (which must be vouched for by a proper medical certificate), domestic affliction, and such other cases as are provided for by special regulations. Medical certificates covering absences must be presented at the Dean's office, or at the office of the School by the student immediately after her return to University work. Such certificates are filed, and, if acceptable, the Dean or Director gives the student a statement certifying to the absences covered, which must be shown to all the professors concerned as promptly as possible.

2. Credit for attendance at any lecture or class may be refused on the grounds of lateness, inattention, neglect of study, or disorderly conduct in the class room or laboratory. These cases are dealt with by the Dean of the Faculty or by the Director.

3. Lectures commence at five minutes after the hour, on the conclusion of the roll call. After the commencement of a lecture students are not allowed to enter, except with the permission of the Professor. If permitted to enter, on reporting themselves at the close of the lecture, they are marked "late." Two lates count as one absence. Lectures end at five minutes before the hour. In cases where it is impracticable to record late attendance, students who are not present at the commencement of these lectures are marked absent.

SCHOLARSHIPS, MEDALS, PRIZES AND EXAMINATIONS

SCHOLARSHIPS

1. **Association of Registered Nurses of the Province of Quebec.**

   A scholarship of $250.00 to a graduate of an approved school of nursing in the Province of Quebec for any course selected in the School for Graduate Nurses, McGill University.

2. **Children's Memorial Hospital School of Nursing.**

   A scholarship to one of its graduates in the form of maintenance at the Hospital during one year's study at the School for Graduate Nurses, McGill University.

3. **The Flora Madeline Shaw Memorial Fund.**

   A scholarship of $500.00 is offered in memory of Miss Flora Madeline Shaw to nurses wishing to take a graduate course at the School. All Registered Nurses who have matriculation standing are eligible. Graduates of this School wishing to take a second year at the School are also eligible.

4. **Montreal General Hospital School of Nursing.**

   The Mildred Hope Forbes Memorial Scholarship. A scholarship established by Mrs. Norman Wilson in memory of the late Mildred Hope Forbes, a graduate of the Montreal General Hospital School for Nurses.

   The value of this scholarship enables *four* graduate nurses each year to take one year's work in the School for Graduate Nurses.

5. **Royal Victoria Hospital School of Nursing.**

   1. A yearly scholarship given by the Board of Management, Royal Victoria Hospital, for graduate work in nursing.
   2. Dr. Garrow Scholarship, given mainly by the nurses of the Royal Victoria Hospital for graduate work at McGill University.
   3. Harry J. Crowe Scholarship of $600.00 to a graduate of the Royal Victoria Hospital for a course in nursing or dietetics in a Canadian University.

6. **Shriners' Hospital for Crippled Children.**

   A scholarship in the form of maintenance at the Shriners' Hospital for Crippled Children, Montreal, supplemented by a grant of $100.00 awarded by the Board of Governors of the Montreal unit for a year's study at the School for Graduate Nurses, McGill University.

7. **Victorian Order of Nurses for Canada.**

The Victorian Order of Nurses for Canada offers a limited number of scholarships of $400.00 each for a graduate course in Public Health Nursing at any Canadian University where this course is given. Upon successful completion of her course, the holder is expected to return to the service of the Victorian Order of Nurses for one year.

MEDALS AND PRIZES

The Lieutenant-Governor of the Province of Quebec offers annually for competition a silver medal to the student obtaining the highest standing in the course of Teaching in Schools of Nursing, and a bronze medal to the student obtaining the highest standing in the course in Public Health Nursing.

Dr. Helen R. Y. Reid offers a prize of books, to be awarded to the student obtaining the highest standing in the course of Administration in Schools of Nursing.

EXAMINATIONS

The pass mark in all examinations, in keeping with University regulations, is fifty per cent.

Results of examinations are recorded according to class, as follows: Class I, 75% to 100%; Class II, 60% to 74%; Class III, 50% to 59%.

In the case of students who do field work, satisfactory reports must also be received from the agencies with which their field work has been taken.

FEES

For Fees see pages 101, 102.

BOARD AND RESIDENCE

Accommodation is available in the Graduate Women's Residence, 3466 University Street. The charge for a single room is $170.00 for the session of eight months, and $150.00 per student in a double room. Payment may be made in two instalments, at the beginning of the first term and at the beginning of the second term. An additional charge of $5.00 is made in the case of instalments. No room is assigned for a shorter period than the University session.

It is necessary to make arrangements for the above accommodation in advance, and a deposit of $10.00 must be forwarded with the application. Applications should be forwarded to Miss E. S. Nicholson, Registrar's Office, McGill University.

Students in residence may arrange to have their meals at Royal Victoria College, the undergraduate residence. The charge for meals for the session (not including vacations), is $320.00 for breakfast, lunch and dinner, and $220.00 for breakfast and dinner.

Accommodation in the above residence is limited to twenty students. Information about boarding and lodging houses may be had on arrival at the School. Every assistance is given to students in finding suitable rooms but it is necessary for the student to make arrangements in person.

COURSES OFFERED

I. TEACHING IN SCHOOLS OF NURSING

Diploma—"Instructor in Schools of Nursing."
Adviser: Miss Lindeburgh.

This course prepares qualified nurses for positions as instructors in Schools of Nursing.

Diploma Course (two years):—The diploma is granted for the satisfactory completion of the Required Courses listed under First and Second Years, together with one or more Suggested Electives.

Certificate Course (one year) :—A certificate is granted for the satisfactory completion of the Required Courses listed below under the First Year. Students may be permitted to include one or more of the Suggested Electives with the approval of the Director.

FIRST YEAR (*Certificate*)	SECOND YEAR (*Diploma*)

(a) General Academic

Required:—	*Required*:—
9. Psychology I.	19. Sociology I.

Suggested Electives:—1, Economics I; 3. English I; 3A. English II; 4. French I; 5. History I; 7. History IV; 10. Psychology VI; 11. Psychology VII; 13. Public Speaking.

(b) Professional Courses in Education

Required:—	*Required*:—
25 (a) and (b). Education I.	24. Psychology IX.
	26. Education II.

Suggested Electives:—51. Philosophy I.

(c) Nursing Education—General

Required:—	*Required*:—
30. Health and Nursing Legislation.	34. Mental Hygiene.
37 (a). Preventive Medicine and Hygiene *or*	37 (a). Preventive Medicine and Hygiene *or*
38 (a). Public Health Nursing.	38 (a). Public Health Nursing.
47. History of Nursing.	

Suggested Electives:—37 (b). Preventive Medicine and Hygiene; 38 (b). Public Health Nursing.

(d) Nursing Education—Teaching in Schools of Nursing

Required:—

14. Bacteriology *or*
17. Physiology I, *or*
15. Chemistry XVI.
50 (a), (b), (c). Teaching in Nursing Schools.

Required:—

14. Bacteriology I *or*
17. Physiology I, *or*
48. Pharmacology and Therapeutics.
50A. Teaching in Nursing Schools.

Suggested Electives:—15A. Biochemistry; 33. Health Education; 45. Supervision in Nursing Schools.

II. SUPERVISION IN HOSPITALS AND SCHOOLS OF NURSING

Diploma—"Supervisor in Hospitals and Schools of Nursing."
Adviser: Miss Lindeburgh.

This course prepares qualified nurses for positions as clinical instructors, supervisors, and assistant superintendents, in schools of nursing. Previous experience as a headnurse or an equivalent executive or teaching experience is desirable.

Diploma Course (two years):—The diploma is granted for the satisfactory completion of the required courses listed under First and Second Years, together with one or more Suggested Electives.

Certificate Course (one year):—A certificate is granted for the satisfactory completion of the Required Courses listed below under the First Year. Students may be permitted to include one or more of the Suggested Electives with the approval of the Director.

FIRST YEAR
(*Certificate*)

SECOND YEAR
(*Diploma*)

(a) General Academic

Required:—

9. Psychology I.
19. Sociology I.

Required:—

21. Sociology IV *or*
22. Sociology VII.

Suggested Electives:—1. Economics I; 3. English I; 3A. English II; 4. French I; 5. History I; 7. History IV; 10. Psychology VI; 11. Psychology VII; 13. Public Speaking.

(b) Professional Courses in Education

Required:—

25 (a). Education I.

Required:—

24. Psychology IX
26. Education II.

Suggested Electives:—25 (b). Education I; 51. Philosophy I

(c) Nursing Education—General

Required:—

34. Mental Hygiene.
37 (a). Preventive Medicine and Hygiene *or*
38 (a). Public Health Nursing.

Required:—

30. Health and Nursing Legislation.
33. Health Education.
37 (a). Preventive Medicine and Hygiene *or*
38 (a). Public Health Nursing.
47. History of Nursing.

Suggested Electives:—32. Child Hygiene; 34. Mental Hygiene; 35. Nutrition; 37 (b). Preventive Medicine and Hygiene; 38 (b). Public Health Nursing.

(d) Nursing Education—Supervision in Nursing Schools

Required:—

45. Supervision in Nursing Schools.
50 (a) (b) and (c). Teaching in Nursing Schools.

Basic Sciences:

14. Bacteriology I *or*
17. Physiology I *or*
15. Chemistry XVI.

Required:—

Basic Sciences:

14. Bacteriology I *or*
17. Physiology I.
48. Pharmacology and Therapeutics.

Specialized Supervision:
(One of the following)

Communicable Diseases.
Medicine.
Mental Hygiene.
Obstetrics.
Out-Patient Department.
Operating Room.
Pediatrics.
Surgery.

N.B. *Specialized Supervision:*—Advanced courses and six weeks' experience in one of the above departments with related courses selected from suggested electives.

III. ADMINISTRATION IN HOSPITALS AND SCHOOLS OF NURSING

Diploma—"Superintendent of Nursing and Director of School of Nursing."
Adviser: Miss Harmer.

This course prepares qualified candidates for positions as superintendents and directors in schools of nursing (see page 490).

Diploma Course:—The complete course outlined below, leading to the diploma, covers two academic years, together with the required field work, unless preceded by a year's study in either Course I or Course II outlined above.

Certificate Course (one year):—A certificate is granted for the satisfactory completion of the Required Courses listed below under the First Year. Students may be required to include one or more of the Suggested Electives, and must complete field work of from three to six weeks depending upon the student's previous experience.

FIRST YEAR (*Certificate*)	SECOND YEAR (*Diploma*)
(a) General Academic	
Required:—	*Required:*—
9. Psychology I.	3A. English II.
19. Sociology I.	5. History I.
	21. Sociology IV *or*
	22. Sociology VII.

Suggested Electives:—1. Economics I; 3. English I; 4. French I; 5. History I; 7. History IV; 10. Psychology VI; 11. Psychology VII; 13. Public Speaking.

(b) Professional Courses in Education	
Required:—	*Required:*—
25 (a). Education I.	24. Psychology IX.
	26. Education II.

Suggested Electives:—51. Philosophy I.

(c) Nursing Education—General

Required:—

30. Health and Nursing Legislation.
34. Mental Hygiene.
37 (a). Preventive Medicine and Hygiene *or*
38 (a). Public Health Nursing.
47. History of Nursing.
50 (a). Teaching in Nursing Schools.

Required:—

33. Health Education.
37 (a). Preventive Medicine and Hygiene *or*
38 (a). Public Health Nursing.

Any two of the following:

14. Bacteriology I.
15. Chemistry XVI.
17. Physiology I.
48. Pharmacology and Therapeutics.

(d) Nursing Education—Administration

Required:—

27. Administration in Nursing Schools.
29. Hospital Economics and Administration.

Required:—

45. Supervision in Nursing Schools.
27A. Special Problems in Administration.

IV. VISITING NURSING AND HEALTH TEACHING

Diploma—"Visiting Nurse and Health Teacher."

Adviser: Mrs. Prince.

Diploma Course (two years):—The complete course covers a period of two academic years together with required field work. The second year is devoted to specialization in a selected field of Public Health Nursing. Courses to be chosen from those below, subject to individual arrangement.

Certificate Course (one year):—A certificate is granted for the satisfactory completion of the required first year courses together with the required field work. This is a generalized course, but emphasis may be placed on some selected branch through the arrangement of the field work to prepare a nurse for a particular position. Students may be permitted to include one or more of the Suggested Electives with the approval of the Director.

The courses required for *all* students in the Second Year are indicated below. Additional courses and field experience required depend upon the field selected by the student for specialization.

FIRST YEAR (*Certificate*)	SECOND YEAR (*Diploma*)

(a) General Academic

Required:—	*Required:*—
9. Psychology I *or* 19. Sociology I.	Dependent upon field of specialization.

Suggested Electives:—1. Economics I; 3. English I; 3A. English II; 4. French I; 5. History I; 7. History IV; 10. Psychology VI; 11. Psychology VII; 13. Public Speaking.

(b) Professional Courses in Education

Required:—	*Required:*—
25 (a). Education I.	Dependent upon field of specialization.

Suggested Electives:—24. Psychology IX; 25 (b). Education I; 26. Education II.

(c) Nursing Education—General

	Required:—
	30. Health and Nursing Legislation. 47. History of Nursing.

(d) Nursing Education—Public Health Nursing

Required:—	*Required:*—
31. Bacteriology in Public Health. 32. Child Hygiene. 33. Health Education. 34. Mental Hygiene. 35. Nutrition. 37 (a) and (b). Preventive Medicine and Hygiene. 38 (a) and (b). Public Health Nursing. 39. Social Case Work.	Specialization in one of the fields of Public Health Nursing with appropriate field work and related courses selected from suggested electives.

Suggested Electives:—1B. Social and Industrial Legislation; 15 Chemistry XVI; 17. Physiology; 34A. Mental Hygiene; 46. Administration and Supervision in Public Health Nursing.

PRACTICE WORK IN PUBLIC HEALTH NURSING

Ten weeks of practice in Public Health Nursing is arranged during September and in May and June following the examinations.

Students are not expected to repeat experience gained under satisfactory conditions. Individual adjustment of field work is made in each case.

Weekly conferences are held in connection with this work and written reports are required.

Practice work may be arranged with the following:

Child Welfare Association.

Family Welfare Association.

Industrial nurses.

Mental Hygiene Institute.

Montreal Department of Health, Division of Child Hygiene.

Outremont Public Health Department, School Nursing.

Social Service Department of the Hospitals.

Victorian Order of Nurses.

Plans are being made to secure rural practice work in one of the County Health Units near Montreal.

Students are reminded that it is only through the courtesy of the agencies that field work is available and are asked to comply wholeheartedly with both the letter and spirit of all regulations of the organizations.

When working with the Victorian Order of Nurses, the students are asked to wear a plain one or two-piece dress of washable material in gray or blue, with white collar and cuffs and a black Windsor tie. Plain dark hat and coat must also be provided.

V. ADMINISTRATION AND SUPERVISION IN PUBLIC HEALTH NURSING

Diploma—"Supervisor in Public Health Nursing."
Adviser: Mrs. Prince

The course is offered in the Second Year only. The First Year of Course IV or its equivalent, and at least one year of satisfactory experience, are prerequisite.

The diploma is granted for the satisfactory completion of the required courses listed, together with two or more full courses from the Suggested Electives and the required field work.

(a) General Academic

Required:—

One of the following:

11. Psychology VII.
21. Sociology IV.
22. Sociology VII.

(and)

Required:—

One of the following:

3A. English II.
5. History I.
7. History IV.

Suggested Electives:—2. Economics I; 3. English I; 4. French I; 10. Psychology VI; 13. Public Speaking; 51. Philosophy I.

(b) Professional Courses in Education

Required:—

24. Psychology IX.

Suggested Electives:—25 (b). Education I; 26. Education II.

(c) Nursing Education—General

Required:—

30. Health and Nursing Legislation.
47. History of Nursing.

Suggested Electives:—1B. Social and Industrial Legislation; 15. Chemistry XVI; 17. Physiology.

(d) Nursing Education—Supervision in Public Health Nursing

Required:—

44. Special Problems in Supervision
46. Administration and Supervision in Public Health Nursing.

DESCRIPTION OF COURSES

COURSES IN THE SCHOOL FOR GRADUATE NURSES

13. Public Speaking.

Lectures in speech and voice training. Practice in oral delivery.
One hour, second term.....Mrs. Bragg.

27. Administration in Nursing Schools.

(a) *First Term*:—The professional administration of the hospital department of nursing service,—its function, organization, control, cost of nursing service; the personnel—staff required, qualifications and selection, duties and responsibilities, staff education; ward equipment; administration and supervision of nursing; care of patients; records and reports.

Second Term:—The educational administration of hospital and other types of schools of nursing—their function, organization, support, control and management; relationship to the hospital and department of nursing service; the personnel—number, qualifications, selection, duties and responsibilities in the school and department of nursing service; staff education, tenure and promotion; school buildings, classrooms, and equipment; educational programme, theory and practice; standardization and registration; school budgets.

(b) Weekly excursions to hospitals and public health organizations in the community; weekly conferences and discussions; reports of observations and special problems in administration.

(c) Intensive experience in administration in affiliated hospitals; three to six weeks, depending on student's previous experience and training.
Three hours.....Miss Harmer and assistant.

27A. Special Problems in Administration.

Conferences, discussion and reports.
One hour.....Miss Harmer and other instructors.

29. Hospital Economics and Administration.

Lectures and Observations:—The hospital and its relation to the community; the board of trustees, the medical board and the general staff; problems of planning, organizations, equipment and administration of the various departments; the purchase and handling of supplies and other problems of hospital administration.
Two hours, first term.....Dr. MacKenzie.

30. Health and Nursing Legislation.

The purpose of this course is to enable the student to know and to use effectively health and nursing legislation.

Two hours, second term.....Miss Upton and other instructors

31. Bacteriology in Public Health.

Classes and Laboratory Work:—The study of the more common pathogenic organisms, moulds and yeasts; use of microscope; preparation and use of culture media; bacteriology of milk and water; applications of bacteriology in public health and preventive medicine.

Two hours, first term. Department of Public Health and Preventive Medicine.

32. Child Hygiene.

The health of the infant, pre-school and school child.

Three hours, first term.....Dr. Chandler, Miss Beith and Miss Lindeburgh.

33. Health Education.

The construction of a health teaching programme; gradation and suitability of subject matter; principles of teaching; lesson plan construction. Demonstration and practice teaching.

Two hours, second term.....Miss Lindeburgh and Mrs. Prince.

34. Mental Hygiene and Psychiatry.

Lectures, case conferences and demonstrations; principles underlying healthy mental development; prevention of mental maladjustment and mental diseases; maladjustments met with in everyday life. Discussions also include history, methods and organization of parent study groups, family relationships, etc. The course meets the needs of the nurse in general and special fields. The Mental Hygiene Institute is available for practical work.

Two hours, second term.....Dr. Mitchell.

34A. Mental Hygiene and Psychiatry.

Intensive practical and academic training in Mental Hygiene and Psychiatry for nurses who wish to specialize in this field.

Prerequisite 34.....Dr. Mitchell.

35. Nutrition and Health.

The first part of this course is a study of the elements of nutrition and dietetics, the essentials of an adequate diet, and the nutritive properties of common food materials.

The second part of the course is devoted to the discussion of the practical application of these principles.

Two hours, second term.....Miss Hayward and Miss Bell.

37. Preventive Medicine and Hygiene. (a) First term; (b) Second term.

A brief history of the development and present status of public health administration; the control and prevention of communicable diseases; maternal and infant hygiene; oral hygiene; discussion of sanitation, housing, water, food, and milk supply; industrial hygiene.

Three hours..Department of Public Health and Preventive Medicine.

38. Public Health Nursing.

(a) First term.

Characteristics and trends of modern Public Health Nursing; brief history of development; fundamental principles.

(b) Second term.

Organization in Public-Health Nursing; the special fields; education of the Public Health Nurse.

(c) Excursions for the observation of the health and social activities of the community. Conference and discussion.

(d) Practice period of ten weeks to gain experience in Public Health Nursing. Weekly conferences and written reports.

Three hours.....Mrs. Prince.

39. Social Case Work.

Principles, and methods of case work, with special emphasis on actual case studies; adequate knowledge as a basis for judgment and action in effecting individual adjustments; how obtained and applied; relief—its place in case work; the relation of case work to the community; the use and purpose of records; record making; forms; correspondence, etc.

Two hours.....Miss King.

44. Special Problems in Supervision.

A discussion of the problems arising in supervision of public health nursing. Each student makes a special study of one problem and presents the result of the study in a written report.

One hour.....Mrs. Prince and other instructors.

45. Supervision in Nursing Schools.

(a) The organization and administration of hospital and school; the dual executive and teaching functions of the supervisor; relationship to the headnurses and their dual functions; principles and methods of supervision; application to the management and supervision of wards and departments, and the care of patients; staff conferences; organization and sequence of the clinical curriculum; the correlation of theory and practice, and methods of clinical teaching.

Forms, records and reports. Observation supervision.

(b) Six weeks' intensive experience in the supervision of one of the major services or departments in affiliated hospitals or out-patient departments.

Two hours, second term..Miss Lindeburgh and clinical supervisors.

46. Administration and Supervision in Public Health Nursing.

(a) The principles and practice of supervision in Public Health Nursing with special reference to staff education and student field work. Problems of organization and administration; personnel management; financial support, publicity, etc.

(b) Observation of methods and content of supervision followed by conference and discussion.

(c) Field experience with Public Health Nursing agencies. Opportunities for practice teaching and supervision. Conferences for discussion of experience.

Three hours.....Mrs. Prince.

47. History of Nursing.

Lectures, readings and written reports.

One hour.....Dr. Abbott and Mrs. Prince.

50. Teaching in Nursing Schools.

(a) The historical development of nursing curricula; brief survey of current critical studies and revisions of professional curricula; com-

parison of nursing curricula with other curricula; purpose and aims of schools of nursing; principles of curriculum construction, including theory and practice.

(b) Classification of subjects in the curriculum to be taught; the selection, preparation and qualifications of teachers; teaching schedules; educational opportunities and special problems in teaching; classrooms, library, study rooms, text and reference books and other teaching materials; the grouping, sequence, and arrangement of classes; the application of principles and modern methods of teaching to the subjects to be taught in schools of nursing.

(c) Observation and Practice Teaching.

First Term:—Weekly observation of classes taught followed by conferences and discussions. Students prepare reports of observations, teaching equipment, text and reference books.

Second Term:—Students prepare lesson plans, participate in teaching, and finally are responsible for supervised practice teaching followed by conferences in subject which they later expect to teach.

Three hours.....Miss Lindeburgh and other instructors.

COURSES IN THE FACULTY OF ARTS AND SCIENCE

For details see pages 121 to 173.

1. **Elements of Political Economy** (**Economics 1**). Second Year.

   Mon., Wed., Fri., at 11.

   Professors Hemmeon and Culliton and Mr. Forsey.

2. **Social and Industrial Legislation** (**Economics 14**). Fourth Year and Graduate Students.

   First term; in alternate years.

   Mon., Wed., Fri., at 12.....Professor Hemmeon.

3. **English Composition** (**English 1**).

   Sat., at 12.....Professor Noad, Miss Mackenzie and Assistants.

   Section and weekly conference hours to be arranged.

3A. English Literature (English 2).

General Course from Anglo-Saxon times to the present day.
Tu., Th., and, at the pleasure of the instructor, Sat. at 12.
Professor Macmillan and Assistants.
Mr. McBain will have the general direction of the tutorial conferences.

4. French Language (French 1). First Year.

Section A, Mon., Wed., Fri., at 9; Section B, Mon., Wed., Fri., at 11.
Professors Villard, Lemaitre, Furness, d'Hauteserve and Mlle Henry.

5. General History of Europe, from the Break-up of the Roman Empire to 1914 (History 1). First Year.

Tu., Th., Sat., at 11.....Professors Waugh and MacDermot.

6. General History of North and South America (History 2). Second Year.

Mon., Wed., Fri., at 9.....Professor Adair.

7. History of Canada (History 4). Third Year.

Tu., Th., Sat., at 9.....Professor MacDermot.

8. History of Europe, 1789-1914 (History 6). Fourth Year.

Tu., Th., Sat., at 10.....Professor Fryer.

9. Introduction to Psychology (Psychology 1). Second Year.

Mon., Wed., at 10, and one laboratory period to be arranged.
Professor Tait, Mr. Morton and Mr. Webster.

10. Child Psychology (Psychology 6). Third and Fourth Years.

Second term; Tu., Th., Sat., at 10.....Professor Tait.
(Not given in 1932-33.)

11. Human Motivation (Psychology 7). Third and Fourth Years.
Lectures, readings and reports.

Tu., Th., Sat., at 10.....Professor Tait.

12. Vocational and Industrial Psychology (Psychology 12). Third and Fourth Years.

First Term:—Tu., Th., Sat., at 11.....Professor Tait.
(Not given in 1932-33.)

15. Elementary Chemistry (Chemistry 16).

Two hours lectures, three hours laboratory....Professor Hatcher.

15A. Biochemistry—(Biochemistry 1).

(a) Lectures: 3 hours a week.

(b) Laboratory: 12 hours a week, on Monday, Wednesday and Friday.

17. Physiology, Introductory Course (Physiology 1).

18. Elementary Zoology (Zoology 1).

Mon., Wed., at 2.

Laboratory Fri., 2–4.....Professor Berrill.

19. Introduction to the Study of Society (Sociology 1). Second Year.

(a) Tu., Th., Sat., at 10.....Professors Dawson and Hughes.
(b) Tu., Th., Sat., at 11.....Professors Dawson and Hughes.

20. The Community (Sociology 2). Third and Fourth Years.

Tu., Th., Sat., at 9.....Professor Dawson
(Not given in 1932-33.)

21. Social Disorganization (Sociology 4). Third and Fourth Years.

Mon., Wed., Fri., at 10, second term.....Professor Hughes.
(Not given in 1932-33.)

22. The Family (Sociology 7). Third and Fourth Years.

Mon., Wed., Fri., at 10; second term.....Professor Dawson.

23. The Sociology of the Child (Sociology 9). Third and Fourth Years.

Mon., Wed., Fri., at 12; first term.....Professor Hughes.
(Not given in 1932-33.)

24. Educational Psychology (Psychology 9). Third and Fourth Years.

Lectures, readings and a thesis.
Prerequisites:—Psychology 2 or 3, taken previously or concurrently.
Tu., Th., Sat., at 11.....Professor Kellogg.

25. General Principles of Education (Education 1). Third Year.
Tu., Th., Fri., at 4.....Professor Clarke.

26. Method and School Organization (Education 2). Fourth Year.
Mon., Wed., 4 to 5.30.....Professor Clarke.

31A. Bacteriology 1.

20 lectures and 60 hours' practice work (2 days a week).
Professor Murray and Assistants.

51. Introduction to Philosophy and Logic (Philosophy 1).

Tu., Th., Sat., at 10....Professors MacKay, Hendel and Porteous.

FRENCH SUMMER SCHOOL

A five weeks course in French is offered during the summer, commencing about June 26th. Detailed information may be obtained from the Secretary, French Summer School, Arts Building.

DEPARTMENT OF EXTRA-MURAL RELATIONS

DIRECTOR:—WILFRID BOVEY

SECRETARY:—MARJORIE M. HODGE

The Department of Extra-Mural Relations carries on work in adult education. It is concerned with lectures and study for persons who are not registered in any Faculty or Department and are not aiming at academic credit. Its object is to bring the community and the University into closer touch one with the other, and to achieve this end it functions largely outside the University walls.

LYCEUM LECTURES

Lyceum Lectures are offered in the Province of Quebec and neighbouring districts. Most of these lectures are of a popular nature; a few are intended for professional audiences already acquainted with the technical nature of the subject. Societies, clubs and other groups may arrange for single lectures or series of separate lectures of general interest.

COURSES

Community groups wishing to arrange courses of study for non-academic audiences are invited to avail themselves of the services of the Department.

COMMERCIAL COURSES

An extensive series of Commercial Courses will be given during the session of 1932-1933 in co-operation with the Montreal Board of Trade, the Chartered Institute of Secretaries, the Canadian Society of Cost Accountants and the General Accountants' Association. These courses prepare students for the Board of Trade Diploma and for the diplomas, etc., of the various co-operating associations. A separate announcement will be sent on request. Special arrangements are in progress to accommodate students at Shawinigan Falls or Three Rivers.

SETS OF LANTERN SLIDES

In co-operation with the University Library, the Department loans sets of slides accompanied by written lectures free of charge. These are of particular use in towns which by reason of distance find it difficult to obtain an adequate number of speakers. On examination of the list

of these illustrated lectures (see Announcement of the Department), it will be noted that each lecture is complete in itself, but that it is possible to build up courses on such subjects as Canadian Geography, Canadian Economics, Canadian History, The British Empire.

GRAMOPHONE RECORDS

A library of gramophone records for use under the auspices of local Women's Institutes in country schools is maintained at the office of the Superintendent, Quebec Women's Institutes, Macdonald College, P.Q., to whom applications should be made.

RADIO

A number of radio lectures will be given during the season. Any listeners interested will receive information as to programmes on receipt of a postcard.

EXTENSION LECTURES

Series of Extension lectures, which are of academic standard and similar to those provided for undergraduates, are given under the auspices of the Extension Department of the University. Full information is available at the office of the Department of Extra-Mural Relations.

INFORMATION

The value of research in all subjects is now generally recognized. Whether the question involved be some technical difficulty in manufacturing or a problem of employment or hygiene, the staff of the University is ready and willing to deal with it and to give all the assistance possible. It is one of the duties of the Department of Extra-Mural Relations to promote such co-operation and to put inquirers in touch with the proper authorities at the University.

For further details consult the Announcement of the Department which may be obtained from the Registrar's office.

MACDONALD COLLEGE

FOUNDATION AND PURPOSE

Macdonald College, which is incorporated with McGill University, was founded, erected, equipped, and endowed by the late Sir William C. Macdonald.

SITUATION AND EXTENT

The College occupies a beautiful site, overlooking the Ottawa River at Ste. Anne de Bellevue, Que., twenty-five miles west of Montreal.

The College property comprises 786 acres, and has been arranged into four main areas, viz.: (1) the campus, with lawn and recreation fields for students of both sexes; (2) the experimental grounds, with plots for illustration and research in grains, grasses, and other farm crops; (3) the horticulture and poultry departments; and (4) the stock farm.

GENERAL ORGANIZATION

The College is divided into three schools:—

(1) **The School of Agriculture,**

(2) **The School for Teachers,**

(3) **The School of Household Science,**

ENTRANCE REQUIREMENTS

School of Agriculture.

Junior Matriculation. For details see Announcement of Macdonald College.

School for Teachers.

Teachers to be trained for the schools under the control of the Protestant Committee of the Council of Education for the Province of Quebec are admitted under conditions prescribed by that body, particulars concerning which are given in detail in the Announcement of Macdonald College.

School of Household Science.

All candidates for admission:—

1. (a) To the homemaker course, must have entered their eighteenth year and completed grade VII of the Province of Quebec, or its equivalent.

(b) To the institution administration course, must have entered their twenty-first year and must have passed the McGill Junior Matriculation Examination for entrance to the Science Division of The Faculty of Arts and Science (see page 79), or an equivalent examination. (See page 78).

(c) To the short courses must have entered their eighteenth year and have a good general education.

2. Must produce satisfactory evidence as to moral character; also medical certificate of health, including successful vaccination within the six years preceding date of entrance.

THE DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE (B.S.A.)

A four-year Course in the Faculty of Agriculture. For particulars see the Macdonald College Announcement.

DEGREE IN HOUSEHOLD SCIENCE

The full course for this degree is given at Macdonald College, but the First Year may be taken elsewhere. Full particulars are given in the Macdonald College Announcement.

DEGREE OF BACHELOR OF SCIENCE IN AGRICULTURE (B.Sc. in Agr.)

Students who take the first two years of the B.A. course or of the B.Sc. course in Arts and Science, and afterwards complete their Third and Fourth Years in the Faculty of Agriculture, with certain subjects compulsory in both Faculties, may obtain the degree of Bachelor of Science in Agriculture. They can also qualify for a High School Diploma for the Province of Quebec if, in the Faculty of Arts and Science, they pass in the subjects required by the Department of Education. (See page 136.)

HIGHER DEGREES

Post-graduate work may be taken at Macdonald College. The degrees offered are M.Sc. and Ph.D.

See under Graduate Studies page 397.

PROVINCIAL GOVERNMENT GRANTS TO STUDENTS FROM THE PROVINCE OF QUEBEC

(1) *School of Agriculture*

The Department of Agriculture of the Province of Quebec grants to each student who belongs to the Province of Quebec $9.00 per month of attendance employed in studying according to the time-table in the School of Agriculture, Macdonald College. This amount is placed to the credit of such students by the College Bursar and is deducted from his account for board and lodging.

(2) *School of Household Science*

The Provincial Government grants bursaries of $20.00 to $50.00 each to Quebec students from the farming community in the Homemakers and Institution Administration Courses of the School of Household Science.

COLLEGE ANNOUNCEMENT

Full details as to the courses, etc., will be found in the Announcement of Macdonald College, which will be sent on application to the Registrar, Macdonald College, Que.

DEPARTMENT OF PHYSICAL EDUCATION

FOR MEN

All students on entering the University and all students of the First and Second years are required to pass a medical examination. By such examination, any physical defect or weakness may be discovered early, and the student advised in regard to treatment. For those defects amenable to treatment by exercise or other hygienic measures, individual attention is given, and the student is advised as to what forms of exercise are likely to prove beneficial or harmful. (*See page 173.*)

I. GENERAL

The aim of the University requirements in physical education is the maintenance and improvement of the physical well-being of the student body, and the production of graduates who are physically as well as mentally fitted for their life-work.

II. REGISTRATION

At the time of registration every male student of the first three years in the Faculties of Arts and Science, Medicine, Dentistry and Science and of the first two years in the Faculty of Law is given a printed announcement of the University requirements in physical education.* This announcement includes a list of the recognized forms of physical activities in which a student may take part in fulfilment of the requirements, and at the time of his medical examination he is expected to indicate his choice of the particular forms which he wishes to follow.

III. ATTENDANCE

The amount of time required to be devoted to physical exercise by each student is two hours per week throughout the session. Until such time as the University is in possession of its own gymnasium, however, this amount of time may be reduced by the Committee on Physical Education to meet the exigencies of the gymnasium accommodation.

IV. ATHLETICS

All students of the University are required to pay a fee of ten dollars ($10.00) for the athletics and the use of grounds (this is included in the general fee of $17.00 paid by undergraduates). The amount so paid

---

*NOTE.—Owing to lack of accommodation there requirements are suspended for the Session 1932-33.

is credited to the Athletic Board, and is by this body expended in the interest of College athletics, under the general direction of the Committee on Physical Education. A book of general admission tickets for all home games is furnished to students who pay this fee.

V. HEALTH

Provision is made by the Department for the care of the health of undergraduate students during the session. A special leaflet concerning this service and the general work of the Department is supplied to all students at the opening of the session. See also page 105.

VI. MEDALS

The Wicksteed silver and bronze medals for physical education (the gift of the late Dr. R. J. Wicksteed) are offered for competition to students of the graduating class and to students who have had instruction in the gymnasium for two sessions; the silver medal to the former, the bronze medal to the latter. The award of these medals is made by judges appointed by the Corporation of the University. Every competitor for the silver medal is required to lodge with the judges, before the examination, a certificate of good standing in the graduating class, signed by the Dean of the Faculty to which he belongs, and the medal is not awarded to any student who fails in his examination for the degree.

Further information concerning the regulations and the work of the Department may be obtained from the Director, Dr. A. S. Lamb, 3484 University St.

FOR WOMEN

(ROYAL VICTORIA COLLEGE)

Classes in educational gymnastics for all undergraduates of the College and for resident students of music are conducted in the gymnasium of the Royal Victoria College. All students on entering the University are required to pass a medical examination (see regulation on page 105) and are required to pass satisfactory medical tests before taking part in any of the outdoor or indoor physical exercises organized by the Department, whether educational, remedial or recreational.

Work in the Physical Education Department throughout the four-year course (amounting to 140 hours in all) is required of all undergraduate students in the Faculties of Arts and Science and Music. These

periods will be used for instruction in personal hygiene and for educational, remedial and recreative gymnastics, according to the physical requirements of the individual.* No student will be asked to do work unsuited to her physique, and students debarred from exercise of any kind will be dealt with separately and carefully advised. Every student is required to wear the costume recommended by the Department.

Classes in Physical Education required of women students in other faculties than the Faculty of Arts and Science are also held in the gymnasium of the Royal Victoria College.

Partial students are admitted to the classes in educational and recreative gymnastics on payment of a fee of $5.00.

Reports of attendance in physical education are regularly sent to the Faculty.

Strathcona Prizes.—Three first prizes valued at $8, $10 and $12, and three second prizes valued at $5, $6 and $9, are open to students of the Royal Victoria College, for competition in the Second, Third and Fourth Years respectively. Two prizes of $5 are offered for competition to the students of the First Year; one for students who have taken part in educational gymnastics at school, and the other for students who have had no previous physical training.

STRATHCONA CERTIFICATE COURSE

A course similar to that announced on page 483 is given for the women undergraduates of the Fourth Year.

---

*In all cases of absence the student is required to report to the Physical Director for Women. The ordinary interpretation of the one-eighth rule concerning absences does not apply in this Department.

MILITARY TRAINING

Canadian Officers' Training Corps

Honorary Colonel:—General Sir A. W. Currie, G.C.M.G., K.C.B., LL.D.

Officer in Command:—Lieut-Colonel E. B. Q. Buchanan, B.C.L.

The McGill University contingent of the Canadian Officers' Training Corps was organized two years before the Great War, and is a unit of the Active Militia, being governed by special regulations, under which it cannot be called out for active service as a unit.

Members are prepared for two certificates, A and B. To obtain a Certificate A (Lieutenant's) a member must complete one year's efficient service in the corps, and in the case of Certificate B (Captain's) two years' efficient service, and pass the practical and written examinations, which are held under the auspices of the Imperial and Dominion Governments conjointly. The written papers are set and corrected by military experts in England.

To be efficient in a given year (1st August to 1st July), a member must have attended forty parades if in his first year of service, or twenty-five parades if in a subsequent year, and must have completed his prescribed course of musketry. The time required is about two hours per week each session. Rifle practice is encouraged.

THE UNIVERSITY LIBRARY

G. R. Lomer, M.A., Ph.D., University Librarian

The University Library is under the general management of a Committee of Corporation, with the Principal as Chairman and the Librarian as Secretary

The several libraries of the University now contain over 450,000 volumes and 45,000 pamphlets, considerable collections of maps and photographs, and a number of the rarer and more costly monographs and serials which are indispensable for purposes of research. The Library now receives over 1,350 periodicals, Government publications and transactions of various literary and scientific societies.

Among the special collections possessed by the library may be mentioned the Mendelssohn Choir Memorial Collection of works on Music, the T. D. King Collection of Shakesperiana, the Redpath Historical Collection, and the Collection of Canadiana.

The Blackader Library of Architecture has been established in honour of Captain Gordon Home Blackader, B.Arch. (McGill.) The Emma Shearer Wood Library of Ornithology was presented by Colonel Casey A. Wood, M.D., LL.D., as a special research collection and reference library. The Blacker Library of Zoology, presented by Robert Roe Blacker and Nellie Canfield Blacker, is a comprehensive reference library on this special subject. In addition to standard works, it includes a number of monographs and an extensive collection of reports of scientific voyages and periodicals. It is supplemented by the Lyman Collection of books on Entomology. Students and investigators have the use of the Gest Chinese Research Library, which contains, in addition to works in English and European languages, a Chinese collection of 125,000 ts'ê. The Faculties of Medicine (including the Bibliotheca Osleriana), Law and the Royal Victoria College, maintain libraries in their respective buildings; and there are Departmental Libraries in Engineering, Chemistry, Physics, and Botany.

The Travelling Libraries of McGill University contain, each, from thirty to forty carefully selected volumes and are sent, on application, and on payment of a nominal fee of $4.00, to schools, to country libraries, to reading clubs, and to small communities which possess no public library. Pictures, lantern slides and lectures are also supplied by this department. Provision has also been made to supply books by mail to graduates of the affiliated theological colleges and to ministers who have not the advantage of local libraries.

With the Library are affiliated the McGill College Book Club and the University Book Club, which supply their members with standard, important and recent publications and make a substantial annual contribution of books to the Library.

The Library maintains a museum, open to the public, with a permanent exhibition illustrating the development of the Book Arts, and numerous temporary exhibits are shown in the Gallery of the Reading Room.

LIBRARY FEES

The Library fee for undergraduate students in the Faculties of Arts and Science, Engineering and Law is included in the University fees. The fee for partial students is $4.00. Graduates and students attending extension courses using the University Library must make a deposit of $5.00 at the Bursar's Office. The fee for members of the McGill College Book Club and the University Book Club are payable to their respective treasurers. The Library Committee regulations concerning the use of the Library may be obtained on application at the Loan Desk.

THE ROYAL VICTORIA COLLEGE

Founded and Endowed by the late Rt. Hon. Baron Strathcona and Mount Royal

FOUNDATION AND HISTORY

In 1884, during the principalship of the late Sir William Dawson, the late Lord Strathcona, then Mr. Donald A. Smith, gave a sum of $50,000, and, in 1887, a further sum of $70,000, to found the Donalda Endowment for the higher education of women, such education to be conducted in the buildings of McGill College. Under the terms of the Donalda Endowment it was provided that degrees in the Faculty of Arts should be granted to women practically on the same conditions as to men, and that the examinations for such degrees, and the regulations for ranking, for honours, prizes and medals should be identical with those for men.

The ultimate object of Lord Strathcona was the provision of a residential college, and this was realized when the Royal Victoria College was opened in 1899, and formally inaugurated by their Majesties the King and Queen (then Duke and Duchess of York) in 1901.

A Warden and Resident Staff were appointed. With these new and great advantages the instruction provided by the original endowment has been maintained as hitherto, except that certain separate classes are held in the College Building. Women have continued to prepare for degrees in Arts and Science, and in Music.

THE COLLEGE BUILDING

The College building, surrounded by garden and tennis courts, was erected at a cost of about $400,000 at the head of Union Avenue, upon land adjacent to the University Campus.

The building provides an academic, administrative and recreational centre for resident and non-resident students. It is situated on Sherbrooke Street, in close proximity to the University buildings, and within easy reach of Mount Royal Park. The building is fire-proof, and much thought and artistic care have been given to furnishing and decoration.

Each student has a separate study-bedroom. The rooms are completely furnished, and no article of furniture need be brought by the students.

Lord Strathcona's intention was to provide residential accommodation for one hundred students. The original building fell far short of that conception, but for some years its resources were sufficient for the demand. Within the last ten years, however, it was found necessary to open two

temporary annexes, and finally, in 1930-31, a very fine Extension was built, containing study-bedrooms for sixty-two students and an adequate number of tutors, with reception rooms, infirmary and other features in accordance with the best modern ideas of dormitory requirements. Thus the Founder's conception has been at last fully realized.

A further programme of building, however, is indicated. The gymnasium of the College has long been outgrown and gymnastic classes and exercises have been held in the assembly hall, also the dormitory buildings, old and new, fail to meet many needs of the ever-growing body of non-resident students. The erection of a Women's Union with gymnasium and swimming pool attached is a scheme which presses for realization.

ADMISSION AND INSTRUCTION

As the College is a college of McGill University, and its students are registered in the Faculty of Arts and Science, they are required to comply with the regulations concerning admission, discipline and instruction made by the University and Faculty (see p. 105) and, in addition, with such regulations as may be made by the Royal Victoria College.

Students are required to enter on the roll book of the College their names, home addresses, and addresses in Montreal. Students not residing with their parents or guardians in Montreal are expected to apply for residence at the College. Those who do not so apply are required to submit their plans for residence to the Warden and to obtain written approval. No sanction can be given to establishments of students in apartments or elsewhere unless such households are presided over by a parent or other responsible person approved by the University. All students entering the University for the first time are required, according to municipal regulations, to present a certificate or other satisfactory evidence of successful vaccination. No student who has an infectious illness or who comes from a house in which there has been an infectious illness within a month, shall enter or return to the College without giving notice and obtaining the consent of the Warden. The health of the resident students is in charge of two physicians (Dr. W. F. Hamilton and Dr. C. F. Martin), who may be consulted, free of charge, by arrangement with the Warden. Every student applying for admission to residence is required to fill in an entrance form and to forward a medical certificate on a form provided by the College.

Students of the College have the use of the University Library. There is also a College Library, in charge of a trained Librarian, comprising works of general literature and the chief stated books required for the University curricula. The College Library and Reading Room are open to residents students from 9 a.m. to 11 p.m. and to non-resident students from 9 a.m. to 6 p.m. (on Saturdays from 9 a.m. to 1 p.m.).

The Warden's business hours are 10 a.m. to 1 p.m.; at other times, by special appointment. She will be glad to meet all students before

the opening of the session and to discuss their plan of work then or at any other time during the session.

Applications for admission should be addressed to the Warden, Royal Victoria College, Montreal.

EXHIBITIONS, SCHOLARSHIPS, AND LOAN FUND

For a statement of the exhibitions and scholarships open to women students of the University, see page 95.

In addition to these, four resident bursaries in all, of the value of $200 each, are available for outstanding students of the second, third and fourth years who may be nominated by the Warden. In exceptional cases one or more of these may be awarded to first year students.

There is also a loan fund available for students of the third and fourth years, who have shown by their work in the first two years that they are qualified to proceed.

Students interested in bursaries or loans should consult the Warden before the opening of the session.

TUITION FEES

See pages 101, 102.

BOARD AND RESIDENCE

Residence in the College is open to graduate students, undergraduates, and, in exceptional circumstances, to partial students. Application for residence should be made early, as accommodation in the college is limited. *No room is assigned for a shorter period than the University Session.* The charge for board and residence, in addition to the sessional fee for tuition, is $500 ($200 for room, $300 for board). This may be paid in two equal instalments of $250 each, in October and February. Room rent includes all expenses of heat and light. These charges cover the University session from the first day of registration to the close of the examination (for members of the graduating class, to the day after Convocation). A deposit fee of $10.00 is required when a room is reserved, and is deducted from the charges for the first term.

Students entering earlier or remaining later for purposes of instruction, practice teaching, or examination, and students arriving in September for practice teaching, supplemental or matriculation examinations, are charged an additional fee of $1.50 a day. No additional fee is charged to students returning earlier than September 26th, for scholarship examinations. Information concerning Bursary and Loan Funds can be obtained from the Warden.

Notice of withdrawal should be given at the close of the session, or not later than September 1st. Rooms are not reserved for students whose standing at the end of the Session does not entitle them to proceed to the next year.

PHYSICAL EDUCATION

See pages 173, 521.

ACADEMIC DRESS

Undergraduates wear a plain black stuff gown, not longer than half way between the knee and the ankle, with round sleeves cut above elbow.

Bachelor of Arts.—Black stuff gown, falling down below knee with full sleeve cut to elbow and terminating in a point (similar to that of the Cambridge B.A.); hood, black silk, lined with pale blue silk and edged with white fur.

Bachelor of Science.—The same gown as Bachelors of Arts; hood, black silk, lined with yellow silk and edged with white fur.

Bachelor of Science in Agriculture.—The same gown as Bachelors of Arts; hood, black silk, lined with dark green silk and edged with white fur.

Bachelor of Civil Law.—The same gown as Bachelors of Arts; hood, black silk, lined with French grey silk and edged with white fur.

Bachelor of Engineering.—The same gown as Bachelors of Arts; hood, black silk, lined with scarlet silk and edged with white fur.

Bachelor of Architecture.—The same gown as Bachelors of Arts; hood, black silk, lined with white silk and edged with white fur.

Bachelor of Music.—The same gown as Bachelors of Arts; hood, black silk, lined with pale mauve silk and edged with white fur.

Bachelor of Commerce.—The same gown as Bachelors of Arts; hood, black silk, lined with purple silk and edged with white fur.

Bachelor of Library Science.—The same gown as Bachelors of Arts; hood, black silk, lined with orange silk, and edged with white fur.

Master of Arts.—Black gown of stuff or silk, falling below knee, with long sleeves with semi-circular cut at the bottom (similar to that of the Cambridge M.A.); hood, black silk, lined with pale blue silk.

Master of Science.—The same gown as Masters of Arts; hood, black silk, lined with yellow silk.

Master of Commerce.—The same gown as Masters of Arts; hood, black silk, lined with purple silk.

Master of Engineering.—The same gown as Masters of Arts; hood, black silk, lined with scarlet silk.

Doctor of Medicine.—The same gown as Masters of Arts; hood, scarlet cloth, lined with dark blue silk.

Doctor of Dental Surgery.—The same gown as Masters of Arts; hood, scarlet cloth, lined with pink silk.

Doctor of Laws.—The same gown as Masters of Arts; hood, scarlet cloth, lined with white silk.

Doctor of Literature.—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale blue silk.

Doctor of Science.—The same gown as Masters of Arts; hood, scarlet cloth, lined with yellow silk.

Doctor of Civil Law.—The same gown as Masters of Arts; hood, scarlet cloth, lined with French grey silk.

Doctor of Music.—The same gown as Masters of Arts; hood, scarlet cloth, lined with mauve silk.

Doctor of Philosophy.—The same gown as Masters of Arts; hood, scarlet cloth, lined with pale green silk.

Doctors of Laws, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy and Doctors of Music are entitled to wear for full dress a robe of scarlet cloth (similar in pattern to that of the Cambridge LL.D.), faced with silk of the same colour as the lining of their respective hoods.

All hoods are in pattern similar to that of the Masters of Arts of Cambridge University.

Undergraduates and graduates wear the ordinary black trencher with black tassel, but Doctors of Law, Doctors of Civil Law, Doctors of Literature, Doctors of Science, Doctors of Philosophy and Doctors of Music wear for full dress a black velvet hat with gold cord, similar to that worn by Doctors of Laws of Cambridge University.

Samples of the colours of the linings of all hoods are kept for inspection in the office of the Registrar.

Graduates in Great Britain may purchase these gowns and hoods from Messrs. Ede, Son & Ravencroft, 93 and 94 Chancery Lane, London, W.C. 2.

REGISTRATION

Session 1931-32

Faculty of Arts and Science

	Men	Women	Total	
First Year:				
B.A.	68	105	173	
B.Sc	136	16	152	
	204	121	325	
Second Year:				
B.A.	75	99	174	
B.Sc	57	15	72	
	132	114	246	
Third Year:				
B.A.	69	81	150	
B.Sc	32	9	41	
B.Sc., M.D	1	...	1	
	102	90	192	
Fourth Year:				
B.A.	64	69	133	
B.Sc	16	2	18	
B.A., M.D.	13	1	14	
B.Sc., M.D	12	...	12	
B.Sc., D.D.S.	1	...	1	
	106	72	178	
Partials	64	61	125	
Totals in the Faculty of Arts and Science	608	458	1,066	1,066
School of Commerce				
First Year	58	9	67	
Second Year	66	6	72	
Third Year	49	7	56	
Fourth Year	62	5	67	
Totals in the School of Commerce	235	27	262	262
Faculty of Engineering				
First Year	110	...	110	
Second Year	81	...	81	
Third Year	84	...	84	
Fourth Year	68	...	68	
Totals in the Faculty of Engineering	343	...	343	343

School of Architecture	Men	Women	Total	
First Year	16	...	16	
Second Year	10	...	10	
Third Year	6	...	6	
Fourth Year	10	...	10	
Fifth Year	6	...	6	
Totals in the School of Architecture	48	...	48	48
Faculty of Medicine				
First Year	95	3	98	
Second Year	96	1	97	
Third Year	83	2	85	
Fourth Year	87	5	92	
Fifth Year	95	1	96	
Partial	1	...	1	
D. P. H.	1	...	1	
Totals in the Faculty of Medicine	457	13	470	470
Faculty of Dentistry				
First Year	7	...	7	
Second Year	7	1	8	
Third Year	9	...	9	
Fourth Year	10	...	10	
Totals in the Faculty of Dentistry	33	1	34	34
Faculty of Law				
First Year	46	3	49	
Second Year	18	...	18	
Third Year	25	1	26	
Partial	...	1	1	
Totals in the Faculty of Law	89	5	94	94
Faculty of Graduate Studies	203	69	272	272
Faculty of Agriculture				
First Year	20	1	21	
Second Year	9	...	9	
Third Year	17	...	17	
Fourth Year	19	1	20	
Totals in the Faculty of Agriculture, B.S.A. course	65	2	67	67

	Men	Women	Total	
School of Household Science				
First Year B.H.S.	...	17	17	
Second Year B.H.S.	...	11	11	
Third Year B.H.S.	...	6	6	
Fourth Year B.H.S.	...	8	8	
Totals in B.H.S. course	...	42	42	
First Year Institution Administration	...	12	12	
Second Year Institution Administration	...	13	13	
Totals in Institution Administration course	...	25	25	
Total in School of Household Science	...	...	...	67
Library School	2	16	18	18
Faculty of Music				
Regular Students	4	28	32	
Partial Students	30	128	158	
Totals in the Faculty of Music	34	156	190	190
School of Physical Education				
First Year	...	15	15	
Second Year	...	19	19	
Partial	...	1	1	
Totals in Physical Education	...	35	35	35
School For Graduate Nurses		38	38	38
School for Social Workers				
First Year	1	1	2	
Second Year	1	14	15	
Totals in the School for Social Workers	2	15	17	17
Department of Pharmacy	3	...	3	3
Total Registration in University Courses	2,122	902	3,024	
Less Registered in more than one Faculty	26	1	27	
Net Totals	2,096	901	2,997	2,997
Extension Courses				
Totals in Extension Courses, McGill	487	199	686	
Extension Courses, Macdonald College				
Household Science	...	49	49	
Agriculture	63	...	63	
Totals in Extension Courses, Macdonald	63	49	112	789
Grand Total				3795

McGILL UNIVERSITY

MONTREAL



DIRECTORY *of* STUDENTS

SESSION 1931-32

TELEPHONE NUMBERS

McGill University ..... MA 9181
University Medical Officer, Dr. F. W. Harvey (residence) ..... FI 7244
Students' Council, 690 Sherbrooke Street West ..... LA 7141
President—J. Alex. Edmison ..... LA 7141
(After 10 p.m.; Sunday after 7 p.m.) ..... LA 7590
Secretary—G. H. Fletcher ..... LA 7141

McGill Union, 690 Sherbrooke Street West ..... LA 7141
President—J. Gordon King .....
Vice-President—G. Maxwell Bell .....
(After 10 p.m.; Sunday after 7 p.m.) ..... LA 7998
Secretary—Herbert Crabtree ..... WA 3609

McGill Daily, 690 Sherbrooke Street West ..... LA 7141
Bureau of Appointments, 690 Sherbrooke Street West ..... LA 7141
Strathcona Hall, 772 Sherbrooke Street West ..... LA 1567
General Secretary, S.C.A., 772 Sherbrooke Street West ..... LA 1651
Athletic Manager, Major Forbes, 690 Sherbrooke Street West ..... PL 4488
Football Tickets ..... LA 7339
Rink and Tennis Courts, McTavish Street ..... MA 2705
Stadium and Field House, Pine Ave ..... MA 1426
Royal Victoria College, 555 Sherbrooke Street West ..... MA 9177
Graduate Women's Residence, 3466 University Street ..... MA 2608
Dept. of Physical Education—Men ..... MA 9181
" " " " —Women ..... MA 9177
Conservatorium of Music, 677 Sherbrooke Street West ..... MA 2080
(Secretary's Office) ..... MA 2606
Faculty Club, 3600 University Street ..... MA 2824
McGill Players' Club Office ..... LA 7141
Red and White Revue Office ..... LA 7141
United College, 3506 University Street ..... MA 2055
Presbyterian College, 3485 McTavish Street ..... PL 1649
Diocesan College, 3473 University Street ..... MA 4902
Divinity Hall, 3510 University Street ..... MA 2646
Montreal General Hospital, Dorchester Street East ..... PL 7751
Royal Victoria Hospital, Pine Avenue West ..... PL 1251

Macdonald College:
Men's Residence ..... St. Annes 87
Women's Residence ..... St. Annes 98

MEN'S FRATERNITIES

Alpha Delta Phi, 3478 McTavish Street..... PL 7412
Alpha Kappa Kappa, 640 Prince Arthur Street West..... MA 9531
Alpha Omega Alpha, 5622 Jeanne Mance Street..... CR 5787
Delta Kappa Epsilon, 3433 Peel Street..... PL 2073
Delta Sigma Phi, 3592 University Street..... MA 4479
Delta Upsilon, 3434 McTavish Street..... PL 6773
Kappa Alpha, 3605 University Street..... MA 3101
Knights of the Round Table, 3483 Peel Street..... PL 3396
Nu Sigma Nu, 545 Pine Avenue West..... MA 1545
Omicron Alpha Tau, 3557 Lorne Avenue..... MA 9621
Phi Chi, 3610 Lorne Crescent.....
Phi Delta Epsilon, 2059 Peel Street..... LA 0704
Phi Delta Theta, 3581 University Street..... MA 3842
Phi Kappa Pi, 3647 University Street..... MA 2806
Phi Rho Sigma, 539 Pine Avenue West..... MA 7818
Pi Lambda Phi, 3507 University Street..... PL 8709
Psi Upsilon, 3429 Peel Street..... PL 7385
Sigma Alpha Mu, 1484 Sherbrooke Street West..... FI 0404
Sigma Chi, 3454 Peel Street..... PL 1674
Tau Epsilon Phi, 3508 Durocher Street..... PL 8993
Theta Delta Chi, 3609 University Street..... MA 4300
Theta Kappa Psi, 3419 University Street..... MA 3089
Zeta Beta Tau, 3666 Lorne Crescent..... PL 8901
Zeta Psi, 3637 University Street..... MA 1824

WOMEN'S FRATERNITIES

Alpha Gamma Delta, Apt. 1, 1126 Sherbrooke Street West..... LA 1684
Delta Gamma, Apts. 4 and 5, 2024 McGill College Ave..... MA 6948
Delta Phi Epsilon, 4059 Dorchester Street, W..... FI 9969
Gamma Phi Beta, Apt. 29, 3527 Shuter Street..... MA 8205
Kappa Kappa Gamma, Apt. 1, 3587 University Street.....
Sigma Delta Tau, Apt. 2, 4278 Sherbrooke St. W..... FI 5859

CLASS OFFICERS, 1931-32

ARTS AND SCIENCE

First Year—	President	Arnold Johnson
	Vice-President	T. D. Grier
	Secretary-Treasurer	J. L. Armstrong
Second Year—	President	W. Tait
	Vice-President	W. Carsley
	Secretary	K. MacLure
	Treasurer	B. K. Denton
Third Year	President	W. R. Carmichael
	Vice-President	R. Denton
	Secretary	J. P. Anglin
	Treasurer	E. R. Henderson
Fourth Year	President	Kenneth Baker
	Vice-President	John P. Rowat
	Secretary	David Lusher
	Treasurer	Donald Black

LAW

First Year	President	J. A. Hutchins
	Vice-President	R. W. Becket
	Secretary-Treasurer	F. S. Urquhart
Second Year	President	R. B. Calhoun
	Vice-President	A. M. Watt
	Secretary-Treasurer	D. R. McMaster
Third Year	President	S. Hayes
	Vice-President	George Nicholls
	Secretary-Treasurer	W. Chipman

COMMERCE

First Year	President	W. Markham
	Vice-President	R. Lamb
	Secretary	A. B. Brodie, Jr.
	Treasurer	J. MacNeil
Second Year	President	Donald McRobie
	Vice-President	Kenneth Farmer
	Secretary	Frances Montgomery
	Treasurer	James Davidson
Third Year	President	J. C. Harvey
	Vice-President	A. W. Gilmour
	Secretary-Treasurer	H. Griffiths
Fourth Year	President	Gibson Craig
	Vice-President	Robert Bowman
	Secretary-Treasurer	Harry Talpis

ENGINEERING

First Year	President	J. Cleveland
	Vice-President	J. Riddell
	Secretary	H. T. J. Monks
	Treasurer	F. Kerry
Second Year	President	W. Hutcheson
	Vice-President	J. Butler
	Secretary	H. Pope
	Treasurer	J. D. Shortall
Third Year	President	A. D. Nesbitt
	Vice-President	O. V. Mason
	Secretary	R. W. Quigley
	Treasurer	H. G. Seybold
Fourth Year	President	C. E. Parish
	Vice-President	E. E. Brown
	Secretary-Treasurer	T. W. Houghton

MEDICINE

First Year	President	Hollie McHugh
	Vice-President	J. Hamilton
	Secretary-Treasurer	F. Drury
Second Year	President	David W. MacKenzie
	Vice-President	Benjamin Whitcombe
	Secretary	Anson R. Atkinson
	Treasurer	David Holbrook
Third Year	President	N. D. Morrison
	Vice-President	A. K. Hill
	Secretary-Treasurer	J. H. Fuller
Fourth Year	President	C. C. Creighton
	Vice-President	Lauchlin Baker
	Secretary	Guy H. Fisk
	Treasurer	George Turner
Fifth Year	President	Colin MacLeod
	Vice-President	J. Gordon Petrie
	Secretary	C. Krakower
	Treasurer	M. J. Gill

DENTISTRY

First Year	President	Philip J. Gitnick
	Secretary-Treasurer	Harold T. Southwood
Second Year	President	E. R. Ward
	Secretary-Treasurer	S. Klein
Third Year	President	A. Lapin
	Vice-President	R. C. Vassel
	Secretary	G. Lee
Fourth Year	President	George Kelly
	Vice-President	H. Camille Giguere
	Secretary-Treasurer	Edward Mollot

ROYAL VICTORIA COLLEGE

First Year	President	Norma Roy
	Vice-President	Margaret Byers
	Secretary	Evelyn Bryant
Second Year	President	Alice Johannsen
	Vice-President	Ragnhild Tait
	Secretary-Treasurer	Janet Dobson
Third Year	President	Sally Hay
	Vice-President	Catherine Wood
	Secretary-Treasurer	Jessie MacLeod
Fourth Year	President	Margaret Dodds
	Vice-President	Alma Johnson
	Secretary-Treasurer	Christine Graham

LIBRARY SCHOOL

President	Frances Dumaresq
Vice-President	Pauline Morrison
Secretary-Treasurer	Dorothy Salisbury

GRADUATE NURSES

Teaching	Miss H. Keeling
Public Health	Miss G. MacKean
Administration	Miss M. Barker

SOCIAL WORKERS

President	Dorothy Sproule
Vice-President	Hilda Rabinovitch
Secretary-Treasurer	Georgina McConnell

McGILL SCHOOL OF PHYSICAL EDUCATION

First Year	President	Ruth Paterson
	Vice-President	Ruth Hope
Second Year	President	Merle Snowdon
	Vice-President	Mary C. Whitley

McGILL UNIVERSITY

DIRECTORY OF STUDENTS

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Abernethy, Arthur Henry	B.Sc. 1	638 Prince Arthur St. W., Montreal.	PL 1773
		31 Stoneleigh Park, Westfield, N.J.	
Abramowitz, Irving	Com. 3	4516 Esplanade Avenue, Montreal	BE 2509M
Abramowitz, Judith	B.A. 3	507 Argyle Avenue, Westmount	WE 4622
Abramowitz, Maurice	B.Sc. 2	4516 Esplanade Avenue, Montreal	BE 2509M
Abrams, William	B.A. 2	4404 Oxford Avenue, Montreal	EL 4333
Abramson, Arthur S.	B.Sc. 3	5991 St. Urbain St. Montreal	CR 8777
Aceña, O. José G.	Eng. 4	1259 Bishop St., Montreal	
		14 C. P. No. 17A Guatemala City, C.A.	
Acheson, Wm. Archibald MacLeod	B.Sc. 1	3810 Botrel Avenue, N.D.G.	WE 2363
		8110 Botrel Avenue, Montreal.	
Adair, Bruce McGill	Com. 1	502 Lansdowne Ave., Westmount, Que.	WE 8155
Adair, Thomas Howard	Grad. Sch	3506 University St., Montreal	MA 2055
		121 Colborne St. E., Oshawa, Ont..	
Adams, John Payson	Med. 4	545 Pine Avenue W., Montreal	MA 1545
		265 Lee Street, Oakland, Calif.	
Adelstein, Harry Malcolm	Com. 3	5010 Sherbrooke West, Montreal	WE 6785
Adelstein, Howard M.	Com. 4	4239 Esplanade Avenue, Montreal	BE 6165
Agnew, Janet Margaret	Lib. Sch	469 Argyle Ave., Westmount, Que.	WE 6912
		280 Yale Ave., Winnipeg, Man.	
Aikin, Flora Isabel	B.A. 4	107 Blenheim Place, Westmount, Que.	WE 9878
Aikman, Edward Percy	B.Sc. 4	340 St. Catherine Road, Outremont, Que.	AT 1461
Aikman, Mary Eliz.	B.A. 2	340 St. Catherine Rd.,Outremont, Que.	AT 1461
Alberghini, Regina Estelle	B.A. 1	Royal Victoria College, Montreal	MA 9177
		North Troy, Vt.	
Albert, Esther	B.Sc. 3	257 de l'Epée, Outremont, Que	AT 4278
Albert, Lena	Music	622 Victoria Ave., Westmount, Que.	EL 2649
Albert, Saul	B.A. 1	769 Davaar Avenue, Outremont, Que.	AT 2864W
Aldham, Sydney Hector	B.Sc. 1	3200 Tremblay, Cote des Neiges, Montreal	EL 5182
Alewick, Nicholas Alfred	B.Sc. 1	5836 Ninth Ave., Rosemount, Que.	
		501 Foch Avenue, Windsor, Ont.	
Alexander, James Moses	Med. 3	Apt. 8, 2058 Metcalfe	HA 1022
		Derita, N.C.	
Alexander, John Duncan F.	Med. 3	Apt. 75, 3525 Durocher St., Montreal.	LA 0636
		Huntingdon, Que.	
Alguire, H. Adele	B.A. 4	2307 Regent Avenue, Montreal	DE 1437
Allen, Mrs. Marguerite Z.	Grad. Sch	5066 St. Catherine St. E., Montreal.	CL 6028
Allen, Gertrude E.	B.A. 1	585 Fortune St., Montreal	WI 7454
Allen, Margaret Phyllis	B.A. 4	4707 The Boulevard, Westmount,Que.	WE 1899
Allen, John Stanley	Grad. Sch	3506 University St., Montreal	MA 2055
Allen, William A. R.	B.Sc. 1	4707 The Boulevard, Westmount,Que.	WE 1899
Allen, William S.	Eng. 2	47 Parkside Ave., Montreal West, Que.	WA 4375
Alley, Armine	Grad. Sch	548 Prince Arthur St. W., Montreal.	
		104 St. George St., Toronto, Ont.	
Allison, Eric Franklin	Com. 4	619 Murray Hill, Westmount, Que.	WE 2636
Allison, John Baxter	B.Sc. 1	701b Bloomfield Ave., Outremont, Que.	DO 7859
Allo, Gordon Frederick	Eng. 3	4114 Hingston Ave., Montreal	WA 4393
Alpert, Barnett Bertram	Med. 5	4516 St. Catherine St.W., Montreal.	WE 0814
		2038 61st Street, Brooklyn, N.Y.	
Amaron, Errol C.	Grad. Sch	Stanstead College, Stanstead, Que.	
Anderson, Charles Edward	Com. 3	105 Querbes Ave., Outremont, Que.	CR 6447
		Bridgetown, N.S.	
Anderson, Colin Bruce	Eng. 3	4223 Dorchester St. W., Westmount, Que.	WE 0111
		Johannesburg, S.A.	
Anderson, David Robertson	B.A. 2	6129 Durocher Ave., Outremont, Que.	DO 0508

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Anderson, Edith C	Grad. P	5008 Mira Road, Montreal	EL 6360
Anderson, Frederick W. V	Com. 4	765 Hartland Avenue, Montreal	AT 7837J
Anderson, Gordon Lincoln	Med. 3	5116 Park Avenue, Montreal	CR 2810
Anderson, Mae Edith	Grad. Nurse 1	2100 Marlowe Avenue, Montreal	WA 5620
		Vankleek Hill, Ont.	
Anderson, Reginald Moore	B.A. 4, Med. 1	2461 Mariette Avenue, Montreal	WA 3045W
Anderson, Walter F	Med. 2	539 Pine Avenue W., Montreal	MA 7818
		Pictou, N.S.	
Andrew, Russell Herbert	Med. 2	2052 Victoria Street, Montreal	LA 2364
		67 East Orvin Street, Massena, N.Y.	
Andrews, Clifford	Arts P	3473 University Street, Montreal	MA 4902
		35 Hoyle Mill Road, Stairfoot, Yorks.	
Andrews, D.	Theol. 2	3473 University Street, Montreal	MA 4902
Angel, Kalman	B.A. 4	4317 St. Dominique St., Montreal	BE 6264J
Anglin, James P	B.A. 3	682 Roslyn Ave., Westmount, Que.	EL 2144
Anglin, Jean Christy	B.A. 3	682 Roslyn Ave., Westmount, Que.	EL 2144
Angus, Alexander David	B.A. 1	3450 Drummond St., Montreal	PL 2012
Angus, Donald Moore	B.Sc. 1	63 Thornhill Avenue, Westmount	WE 9423
Annesley, Katie Louise	Grad. Nurse 1	Nurses' Home, Western Hospital, Montreal	WI 6855
		Maple Grove, Megantic Co., Que.	
Anthony, Alan Roy	Med. 4	2534 University St., Montreal	MA 3448
		1738 Angus Drive, Vancouver, B.C.	
Appel, Abraham	Com. 1	5154 St. Urbain Street, Montreal	CR 8831
Appleton, Marion Gladys	Com. 1	4518 Marcil Avenue, Montreal	EL 5569
Arbuckle, Marjorie Joan	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
		1237 Balfour Ave., Vancouver, B.C.	
Arcand, Louis J	Grad. Sch	3561 Durocher St., Montreal	HA 7408
Archer, Russel Clifton	B.A. 4	3485 McTavish St., Montreal	PL 1649
		West Lorne, Ont.	
Archibald, Amy	Music	1620 Selkirk Ave. (Apt. 6), Montreal	FI 3331
Archibald, John Stewart	Med. 2	Strathcona Hall, Montreal	LA 1567
		Box 120, Kamloops, B.C.	
Archibald, Robert Livingstone	B.A. 1	1610 Sherbrooke St. W., Montreal	FI 3764
Archibald, Walter Stanley	B.A. 1	Strathcona Hall, Montreal	LA 1567
		Battle Street, Kamloops, B.C.	
Archibald, William Seymour	Med. 5	3637 University St., Montreal	MA 2693
		10117 125th St., Edmonton, Alta.	
Arkell, Roy Reginald	Com. 3	3637 University St., Montreal	MA 1824
		1529 West 35th Ave., Vancouver, B.C.	
Armstead, Angus Frederick	Eng. 3	4474 Western Ave., Westmount, Que.	WE 0719
Armstrong, John Edwin	Eng. 3	4060 Marlowe Ave., Montreal	WA 1901
Armstrong, John Lloyd	B.Sc. 1	74 Courcelette Ave., Outremont, Que.	AT 5098
Armstrong, John Maxwell	Grad. Sch	3612 Oxenden Ave., Montreal	HA 1662
		St. Mary's, Ont.	
Aronovitch, Harry Lyon	B.A. 3	5330 St. Urbain St., Montreal	CR 5306
Aronovitch, Michael	Med. 2	5330 St. Urbain St., Montreal	CR 5306
Arrowsmith, Meryl Kathleen	B.A. 4	133 Brock Ave. N., Montreal West, Que.	WA 7646
Arti, Hector Louis	B.Sc. 1	4371 Garnier St., Montreal	FA 1659
Asbury, W. Nowers	Eng. 2	18 Somerville Ave., Westmount, Que.	EL 8521
Askwith, Winston Moore	Eng. 1	1441 Drummond St., Montreal	MA 4171, Local 306
		222 Powell Ave., Ottawa, Ont.	
Aspler, Moses Mendel	B.A. 3	4053 Esplanade Ave., Montreal	BE 5306
Astwood, Edwin Bennett	Med. 3	1176 Sherbrooke St., W., Montreal	MA 1447
		Hamilton, Bermuda.	
Atkinson, Anson Robert	Med. 2	2082 University St., Montreal	LA 7548
		Embro, Ont.	
Atkinson, H. J	Grad. Sch	Macdonald College, P.Q.	St. Anne 87
		Newcastle, N.B.	
Atkinson, Thomas Martin	Eng. 4	3637 University St., Montreal	MA 1824
		35 Roseberry Place, St. Thomas, Ont.	
Atto, Clayton Howard	B.A. 4	274 Trenton Ave., Montreal	AT 2797
Audet, Jean-Paul	Arch. 1	Apt. 60, 3515 Durocher St., Montreal	MA 1456
		205 Quebec St., Sherbrooke, Que.	
Augustan, Muriel	Music	4586 Decarie Blvd., Montreal	EL 4934
Auld, George E	Arch. 4	3478 McTavish St., Montreal	PL 7412
		949 Cumberland Ave., Hamilton, Ont.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Ayers, Thomas Henry	Com. 2	Apt. 14, 3565 Durocher St., Montreal	LA 4514
		Lachute Mills, Que.	
Babb, Warren Dunton	Med. 1	3581 Hutchinson St., Montreal	HA 5807
		29 Bassett St., Lynn, Mass.	
Bacal, Frank	B.A. 2	760a Bloomfield Ave., Montreal	AT 0390
Backler, Irving Saul	Eng. 4	5331 Mance St., Montreal	CR 9859
Bagnell, Robert Nelson	B.A. 4	4916 Sherbrooke St. W., Montreal	
		Louisburg, C.B., N.S.	
Bailey, Jack	B.Sc. 1	756 Querbes Ave., Outremont, Que.	AT 3365
Bailey, Bernard	B.A. 1	Wiscasset, Maine	
Bailey, James Alfred	Eng. 4	301 Ballantyne Ave., Montreal West, Que.	WA 1409
Bailey, Ralph Arthur	Med. 2	2291 Wilson Ave., Montreal	WA 6030
Baillie, Janet Ellen	B.A. 4	Royal Victoria College, Montreal	MA 9177
		149 Ridge Road, Rutherford, N.J.	
Baker, Carrie Ella	Grad. Sch	555 Sherbrooke St. W., Montreal	
		1½ Merrimack St., Concord, N.H.	
Baker, Herbert Gordon	Med. 1	Apt. 2, 3500 Durocher St., Montreal	HA 7559
		2658, 34th Ave. W., Vancouver, B.C.	
Baker, Kenneth G. K	B.A. 4	3549 Ste. Famille St., Montreal	PL 7385
		3429 Peel Street, Montreal.	
Baker, Lauchlin Joseph	Med. 4	3614 Oxenden Ave., Montreal	MA 8818
		310 Franklin St., Ogdensburg, N.Y.	
Baker, Ruth Davida	B.A. 2	516 Victoria Ave., Westmount, Que.	EL 9683
Balinsky, Lawrence S	Eng. 3	417 St. Joseph Blvd.W., Montreal	DO 8246
Balkwill, Mildred Cecelia	Phys. Ed. 2	Blue Triangle, 1201 Dorchester W., Montreal	MA 7366 Local 3
		76 West 6th Ave., Vancouver, B.C.	
Ball, Mildred Anna	B.A. 4	5341 Terrebonne Ave., Apt. 11, N.D.G., Que	EL 4529
		Box 262, Magog, Que.	
Ball, William L	Grad. Sch	627 Carleton Ave., Westmount, Que.	WE 2053
Ballantyne, Murray G	Grad. Sch	3484 Mountain St., Montreal	PL 5704
Band, Samuel	Eng. 3	362 Victoria Ave., Westmount, Que.	
Banfill, Stanley Martin	Med. 4	1216 Crescent St., Montreal	PL 7977
		East Angus, Que.	
Banter, Hamilton A	Grad. Sch.	3506 University St., Montreal	MA 2055
Banton, Jr., Clarence Wilmer	Eng. 2	3433 Shuter St., Montreal	
		139 Randolph Place, N.W., Washington, D.C.	
Barbour, Deborah Matthew	B.A. 1	Royal Victoria College, Montreal	MA 9177
		122 Carmarthen St., Saint John, N.B.	
Barclay, James M. R	B.A. 1	3625 Durocher St., Montreal	HA 1771
Barclay, Lynden H. W	B.A. 4	460 Prince Arthur St. W., Montreal	MA 2663
		8 Woodlawn Ave., Ottawa, Ont.	
Barker, Charles Scott	Med. 5	Shriners' Hospital, 1529 Cedar Ave., Montreal	PL 4464
		3438 Walkley Ave., Montreal.	
Barker, Mildred E	Grad. Nurse 1.	Royal Victoria Hospital, Montreal	PL 1251
		Fredericton, N.B.	
Barnes, Alan Turner	B.Sc. 2	637 Grosvenor Ave., Westmount, Que.	EL 6763
Barnes, Anne K. C	B.A. 3	Apt. 5, 3500 Durocher St., Montreal	MA 2077
Barnes, Wilfred L	Com. 3	637 Grosvenor Ave., Westmount, Que	EL 6763
Barnes, William Clark	B.Sc. 1	Central Y.M.C.A., 1441 Drummond St., Montreal	MA 4171
		166 Lake Ave., Saratoga Springs, N.Y.	
Barnhill, Brunswick A.	B. Sc. 3	11750 Notre Dame St. E., Montreal	Pt. aux Tr. 267-J
Baron, Edgar Allen	Med. 2	5255 Terrebonne Ave., N.D.G., Que.	EL 8982
Barott, Chella N	Arts P	3 Summerhill Terrace, Montreal	FI 2840
Barry, Arthur Watson	Eng. 1	4215 Dorchester St., W., Montreal	WE 5084
Barry, Oswald	Eng. 2	1545 Mackay St., Montreal	PL 7876
Barsha, Jacob	Grad. Sch.	3420 University St., Montreal	
		149 Laurier Ave., W., Montreal	CR 4576
Barza, Jack	Eng. 1	3666 Drolet St., Montreal	HA 8457
Bates, Clarence Lisle	Med. 3	772 Sherbrooke St., W., Montreal	LA 1567
		Dundas, Ont.	
Bates, Daniel A	Arts P	1900 Tupper St., Montreal	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Batshaw, Frances Gilman	B.A. 4	5829 Hutchison St., Montreal	CR 6452
Battle, Charles Edward	Med. 1	3433 Peel St., Montreal	PL 2073
		1974 Comox St., Vancouver, B.C.	
Baugh, Grace Margaret	B.A. 3	7469 Durocher Ave., Park Extension, Que.	AT 6581
		96 Dufferin Rd., Valleyfield, Que.	
Baugh, Mary Kathleen	B.A. 1	7469 Durocher Ave., Park Extension, Que.	AT 6581
		96 Dufferin Rd., Valleyfield, Que.	
Bavitch, Lazarus	B.A. 4	4092 Clarke St., Montreal	BE 6633F
Baxt, Lawrence Maynard	B.Sc. 3	3508 Durocher Ave., Montreal	PL 8993
		320 Waverley St., Ottawa, Ont.	
Baxter, Dorothy Helen	B.Sc. 1	729 Roslyn Ave., Westmount, Que.	DE 2268
Baxter, Hamilton A	Grad. Sch *	3506 University St., Montreal	MA 2816
Baxter, Robert Gordon	B.Sc. 3	188 St. Denis Ave., St. Lambert, Que.	St. Lam. 935
Baxter, Stewart G	Grad. Sch	3506 University Street, Montreal	MA 2816
Bazar, Bernard	B.A. 4	383 Edward Charles, Montreal	DO 8535
Bazar, Philip Saul	B.A. 4, Med. 1	5356 Brodeur Ave., Montreal	WA 4747
Bazin, Cynthia Hersey	B.A. 2	4064 Dorchester St., Westmount, Que.	FI 9524
Bean, Carol Marguerite	B.A. 4	1468 Bishop St., Montreal	PL 5088
		"The Falls", Shawinigan Falls, Que.	
Beath, Lawrence Raymond	Eng. 1	1431 St. Mark St., Montreal	FI 1715
		1545 Albert St., Regina, Sask.	
Beatts, Patrick M. T	B.A. 2	772 Sherbrooke St. W., Montreal	LA 1567
		7 Rutford Rd., Streatham, London, England	
Beauchamp, Estelle Lorette	Phys. Ed. 2	4367 Girouard Ave., Montreal	EL 5402
Beauchesne, Guy Lusignan	Com. 3	1771 St. Hubert St., Montreal	FR 0109
Beazley, Edward Dudley Hope	Com. 2	Strathcona Hall, Montreal	LA 1567
		Oakdene Noctorum, Birkenhead, Cheshire, England.	
Becket, Ralph Wilson	Law 1	Apt. 2, 1620 Selkirk Ave., Montreal	FI 1570
Beckow, Lillian	Com. 1	1341 Lajoie Ave., Outremont, Que.	AT 6575
Beddoes, Richard D	Arts P	Cedars, Que.	
Beeson, Paul Bruce	Med. 4	640 Prince Arthur Ave. W., Montreal	MA 9531
		Ketchikan, Alaska.	
Beique, Henri Frechette	B.Sc. 1	1461 Mountain St., Montreal	PL 6423
Belanger, Jacques	Com. 3	1527 Crescent St., Montreal	PL 5381
Belanger, Laurent Edmond	Law 1	1527 Crescent St., Montreal	PL 5381
Belbin, Herbert Stanley	Arts P	3506 University St., Montreal	MA 2055
		Bay Roberts, Nfld.	
Belisle, Marguerite Mary	B.A. 1	St. Bruno Station, Que	
*Belitzky, Jack Tilson	B.Sc. 3	4071 St. Urbain St., Montreal	BE 5330J
Bell, Adam C	Grad. Sch	Apt. 91, 1469 Drummond St., Montreal	MA 1528
		New Glasgow, N.S.	
Bell, Dorothy A. D	Lib. Sch	3492 Peel St., Montreal	PL 7362
		P.O. Box 280, Halifax, N.S.	
Bell, D. William J	Med. 1	Apt. 2, 495 Prince Arthur St. W., Montreal	HA 9094
		41 Cyr St., Providence, R.I.,	
Bell, Ethel Mildred	B.Sc. 1	1585A Ducharme Ave., Outremont, Que.	AT 2890
Bell, Florence Mary Louise	B.A. 4	755 Upper Lansdowne Ave., Westmount, Que.	EL 5681
Bell, George Maxwell	Com. 4	McGill Union, Montreal	LA 7141
		3000 Victoria Ave., Regina, Sask.	
Belloc, Hilary Arthur	Eng. 4	3564 Durocher St., Montreal	MA 2789
		Shipley, Horsham, Sussex, England.	
Bennett, Leslie F	Grad. Sch	497 Galt Ave., Verdun, Que	YO 3129F
		Bishop's Crossing, Que.	
Bennett, Phyllis Lila Grace	B.A. 2	3487 Northcliffe Ave., Montreal	WA 2906
Bennett, Robert Douglas	Eng. 4	4643 Park Avenue, Montreal	PL 4877
Bennetts, Richard Carlton	Med. 4	3529 University St., Montreal	MA 8451
		Nevada City, Calif.	

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Benning, Paulette	Grad. Sch	131 de l'Epée Ave., Outremont, Que.	AT 2102
Benny, Walter Robert	Eng. 4	3550 Shuter St., Montreal	MA 7297
		P.O. Box 1451, Smith's Falls, Ont.	
Benoit, André Persillier	Eng. 2	481 Prince Arthur St. W., Montreal	MA 1418
Benson, Gordon Weir	Eng. 1	2284 Wilson Ave., Montreal	DE 6022
Berchtold, Frieda	B.A. 4	3034 Maplewood Ave., Outremont, Que	EL 3686
Bercovici, Ethel	Grad. Sch	4250 Marcil Ave., Montreal	WA.2887
Bercovitz, George David	Med. 1	5062 Notre Dame de Grace Ave., Montreal	DE 6358
Bercovitz, Ruth Beatrice	Com. 3	5062 Notre Dame de Grace Ave., Montreal	DE 6358
Bercovitz, Sylvia	B.A. 3	740 Bloomfield Ave., Outremont, Que	AT 7508
Berger, Irvin Jacob	Arch. 5	1188 Sherbrooke St. W., Montreal	MA 7351
		321 West 78th St., New York City.	
Berger, Julius	Law 1, Grad. Sch.	3420 Grey Ave., Montreal	WA 2551
Berkowitz, Saul M	B.Sc. 1	3718 Henri Julien Ave., Montreal	HA 5438
Bernard, Jacques Joseph	Com. 3	49 Maplewood Ave., Outremont, Que.	AT 2876
Bernstein, Alan L	Arch. 3	4125 St. Lawrence Blvd., Montreal	BE 7918
Bernstein, Barbara Grace	Arts P	480 Wood Ave., Westmount, Que.	FI 9130
Bernstein, E. Lennard	Med. 2	480 Wood Ave., Westmount, Que.	FI 9130
Berry, John Walter	B.A. 4	3506 University St., Montreal, Que.	MA.2055
		Sydenham, London, England.	
Besner, Jean	Mus. & Arts P.	238 Elm Ave., Westmount, Que	FI 0757
Beswick, Wenonah Prudence	B.A. 4	483 Strathcona Ave., Westmount, Que	WE 1189
Bieler, Marguerite	B.A. 3	12256 Ranger St., Cartierville, Que	BY 1813
Bierbrier, Lillian	Com. 3	5379 Durocher Ave., Outremont, Que.	CR 3098
Biggar, Horace William	Com. P	3609 University St., Montreal, Que.	MA 4300
		Colorado Springs, Colo.	
Bilkey, Margaret Lillian	B.A. 1	427 Mount Stephen Ave., Westmount, Que	WE 5253
Billingsley, Lawrence Winston	B.Sc. 4	628 Grosvenor Ave., Westmount, Que	EL 3660
Binmore, Mary Eliz	Grad. Sch	3596 Northcliffe Ave., Montreal	EL 0890
Binnie, J. Cornell	Law 3	3605 University St., Montreal	WE 4124
		563 Grosvenor Ave., Westmount, Que.	
Birnie, Hazel Jean	Arts P	603 Lansdowne Ave., Westmount, Que	WE 2203
Bishop, Jack Wilfred Hamilton	Com. 1	32D Gleneagles, Cote des Neiges Road, Montreal	FI 8406
Bishop, Ross MacAulay	Eng. 1	3559 University St., Montreal	MA 4418
		Bishop's Crossing, Que.	
Bishop, William Sheldon	Theol. 3	3506 University Street, Montreal	MA 2055
		Bay Roberts, Newfoundland.	
Bissett, William John	Arts P	147 Windsor Hotel, Montreal	
		144 Ontario St., St. Catharines, Ont.	
Blachford, Hugh Wilmot	B.Sc. 1	7 Hudson Ave., Westmount, Que.	WE 4755
Black, Donald Harvey Fraser	B.A. 4	40 Forden Crescent, Montreal	WE 5467
Black, John George	B.A. 3	625 Murray Hill, Westmount, Que.	WE 7999
Black, Thomas A. Peter	Grad. Sch	1441 Drummond Street, Montreal, Que	MA 4171
Blackler, Chesley Frederick	D.P.H.	3506 University St., Montreal	MA 2055
Blackmore, Cyril Leslie	Eng. 3	3477A Hutchison St., Montreal	MA 8893
		17 Leslie St., St. John's, Nfld.	
Blair, Donald Lansdowne	Arch. 5	3605 University St., Montreal	MA 3101
		P.O. Box 281, Ottawa, Ont.	
Blair-McGuffie, Malcolm Hugh	B.Sc. 1	Strathcona Hall, Montreal	LA 1567
		Braydells, Hayward's Heath, Sussex, England.	
Blake, Earl Watson	Med. 3	772 Sherbrooke St. W., Montreal	LA 1567
		Waterloo, Que.	
Blakely, Sister Claire	Grad. Sch	1235 Notre Dame de Lourdes, Montreal	
		Seton Hill College, Greensburg, Pa.	
Blakely, Malcolm Herbert	Com. 2	4130 Decarie Blvd., Montreal	WA 8768M
Bland, John	Arch. 4	1197 Guy Street, Montreal	FI 6210
Blaylock, Peter Woodburn	B.Sc. 2	3454 Holton Ave., Montreal	FI 5761

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Bloom, David	Eng. 1	136 Belanger St., Montreal	CR 2989
Bloom, Joseph	Med. 3	3951 De Bullion Street, Montreal	LA 9309
Bloomfield, Arthur Irving	B.A. 1	4378 Western Ave., Westmount, Que.	WE 3941
Bloomfield, Morton Wilfred	B.A. 2	4378 Western Ave., Westmount, Que.	WE 3941
Blumberg, Perry	Med. 5	668 Belmont Ave., Westmount, Que	WE 3355
		1562 Ocean Ave., Brooklyn, N.Y.	
Blumenthal, Estelle Helen	B.A. 4	63 Strathearn Ave., Montreal West, Que.	WA 2073
Blumenthal, Sylvia Dorothy	Arts P.	63 Strathearn Ave., Montreal West, Que.	WA 2073
Blumer, Moe	B.A. 2	3415 Vendome Ave., Montreal	WA 5246
Blundell, Stanley Frederic	Med. 4.	3710 Jeanne Mance St., Montreal	HA 5691
		Victoria, B.C.	
Bock, Germain	Law 1	215 Gouin Blvd. W., Ahuntsic, Que.	DU 0994
Bodger, Roland	Arts P	3473 University St., Montreal	MA 4902
Boggs, Robert Kenneth	Med. 4	640 Prince Arthur W., Montreal	MA 9531
		Multnomah Club, Portland, Ore.	
Bondar, J. Kelliher	Med. 5	2059 Peel Street, Montreal	LA 0704
		1826 East 9th St., Brooklyn, N.Y.	
Bonner, Harold Chapman	Med. 4	640 Prince Arthur St. W., Montreal	MA 9531
		165 Wellington Ave., Rochester, N.Y.	
Booth, Dorothy Taylor	Com. 3	4704 Adam Street, Montreal	CL 0405
Booth, John Rolland	Eng. 1	3651 St. Urbain St., Montreal	PL 5660
Boothroyd, Raymond A	Grad. Sch	Macdonald College, Que	St. Anne 87
		North Harrow, Eng.	
Boright, Raymond Kingston	Eng. 2	1028 Sherbrooke St. W., Montreal	LA 0734
		Sutton, Que.	
Boulkind, Henry	B.A. 4	3787 Grey Ave., Montreal.	WE 2687
Boulkind, Mabel	B.A. 2	3787 Grey Ave., Montreal	WE 2687
Boulton, Arthur Maxwell	Law 2	3605 University St., Montreal	MA 3101
		5 College Court, Quebec, Que.	
Bourne, A. H	Theol. 1	3473 University St., Montreal	MA 4902
		43 Third St., St. Lambert, Que.	
Bourne, F. Munroe	Arts P	2310 Dorchester St. W., Montreal	WI 2910
Bourne, Marjorie Blanche	B.A. 2	Royal Victoria College, Montreal	MA 9177
		La Romana, Republica Dominicana.	
Bourne, Mary Kathleen	B.A. 2	Royal Victoria College, Montreal	MA 9177
		La Romana, Republica Dominicana.	
Bourque, Philippe	Eng. 3	336 Central Y.M.C.A., Montreal	MA 4171
		1000 Lancaster Building, Calgary, Alta.	
Bowden, Guy Drummond	Com. 2	3454 University Street, Montreal	MA 0030
		1284 Beach Drive, Victoria, B.C.	
Bowen, William Charles	B.A. 1	8 Breslay Road, Montreal	FI 1621
Bowker, Ernest Elwyn	Grad. Sch	Room 342, 1441 Drummond St., Montreal	MA 4171
		Ponoka, Alta.	
Bowman, Robert Turnbull	Com. 4	3434 McTavish Street, Montreal	PL 6773
		Rockcliffe Park, Ottawa, Ont.	
Box, William Edward	B.A. 3	4378 Western Ave., Westmount, Que.	WE 0432
		Ridgeville, Ont.	
Boxer, Morce J	B.A. 2	3776 De Bullion St., Montreal	PL 6030
Boyd, Helen Frances	B.A. 2	4083 Grand Blvd., Montreal	WA 2132
Boyer, Raymond	Grad. Sch	3552 Mountain St., Montreal	PL 4750
Brabander, Joachim O. W	Med. 5	4705 Roslyn Ave., Westmount, Que.	EL 9256
Bradley, Helen Margaret	Com. 2	510 Pine Ave. W., Montreal	HA 2970
		190 Holmwood Avenue, Ottawa, Ont.	
Braisted, Jr., William Ernest	Med. 1	3490 Hutchison St., Montreal	MA 8825
		608 Logan Street, Wayne, Nebraska.	
Brandes, Jack Saul	Med. 4	245 Villeneuve St. W., Montreal	DO 9789
Bray, Alton C	Grad. Sch	3528 Troie Ave., Montreal	EL 2732
Breakey, Andrew	Law 1	3478 McTavish St., Montreal	PL 7412
		Breakeyville, Que.	
Brenhouse, Samuel Ervin	B.A. 3	4301 Esplanade Ave., Montreal	BE 2148
Brennan, Florence Mary	B.A. 4	73 Hallowell Ave., Montreal	WE 5652
Brewer, Marjorie Isabel	B.A. 1	1206 Seymour Ave., Montreal	WI 3319
Brice, Elizabeth Marion	B.A. 2	4449 Montrose Ave., Montreal	WE 8849
Brierly, Mary W. M	Lib. Sch	4394 Decarie Blvd., Montreal	EL 3614
Brittain, William Alfred Dick	B.A. 1	1902 Van Horne Ave	AT 2093

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Brockway, Katherine Anne	B.A. 4	4967 Queen Mary Road, Montreal	EL 6805
Broderick, George Norman	Law 1	117 Mascoma Street, Lebanon, N.H.	
Brodie, Alexander Bertram	Com. 1	3810 Draper Ave., Montreal	WA 4307
Brodie, Arnold Malcolm	Com. 1	22 Edgehill Road, Westmount	WE 0980
Brodie, James	Com. 1	22 Edgehill Road, Westmount, Que.	WE 0980
Brody, Selwyn	B.Sc. 4, Med. 1	5445 Cote St. Antoine Road, Montreal	WA 4719
Bronfman, Rona	B.A. 4	1045 St. Viateur St. W., Montreal	CR 3651
Bronfman, Zella	B.A. 2	29 Commercial St., Glace Bay, N.S.	
Brooke, Dorothy Jean	B.Sc. 1	49 Rosemount Ave., Montreal	FI 1639
Brookes, Beatrix Elizabeth Horton	Grad. Nurse 1	4354 Westmount Ave., Westmount, Que	WE 5387
Brookes, Norman Remfry	B.A. 1	Apt. 26, 6720 Sherbrooke St. W., Montreal	WA 0784
Brookfield, Margaret Elizabeth	B.A. 1	1019 Sherbrooke St., Montreal	
Brooks, Paul Lester	Med. 5	Gorse Hill, Woking, England.	
Brooks, Randall H	Med. 5	50 Chesterfield Ave., Montreal	WE 4811
Broome, Edward Purkis	Com. 2	Apt. 312, 1455 Drummond St., Montreal	MA 7873
Brosseau, Joseph Roland	Eng. 1	60 Clinton St., Portland, Me.	
Brott, Alexander	Music	Apt. 15, 3504 Park Avenue, Montreal	HA 4913
Brown, Alan Taylor	B.A. 4, Med. 1	Colebrook, N.H.	
Brown, Constance Bull	B.A. 2	3581 University St., Montreal	MA 3842
Brown, B. Stanley W	Med. 2	24 Chestnut Park, Toronto, Ont.	
Brown, Dorothy Bradford	B.A. 4	1050 Gilford Street, Montreal	FR 8350
Brown, Edward Emmanuel	Eng. 4	4831 Esplanade Ave., Montreal	DO 1955
Brown, Ernest F	Eng. 1	3485 McTavish Street, Montreal	PL 1649
Brown, Helen Thorburn	B.A. 2	Carleton Place, Ont.	
Brown, Hugh Carey	B.Sc. 1	152 Easton Ave., Montreal	WA 3138
Brown, James Elisha	B.Sc. 2	3482 Wilson Ave., Montreal	EL 8096
Brown, Margaret	B.A. 3	4077 Marcil Ave., Montreal	WA 9686
Browne, John S. L	Grad. Sch	81 Milton St., Montreal	
Brownrigg, Garrett M	Med. 5	81 Milton St., Montreal	
Brownrigg, Leslie William	Med. 5	58 Nelson Ave., Outremont, Que	DO 6571
Bruce, Alice S	B.A. 4	3 St. George's Place, Westmount, Que	WE 4760
Bruce, Ronald McGregor	B.Sc. 2	Room 3, Strathcona Hall, Montreal	LA 1567
Brumell, Orby Richard	Eng. 2	St. Mary's, Ont.	
Brundage, Delmar Kines	Eng. 1	2331 Regent Ave., Montreal	WA 6288
Brunet, Fernande	Arts P.	3619 Oxenden Ave., Montreal	MA 3076
Bryant, Evelyn Margaret	B.A. 1	5169 Sherbrooke St. W., Montreal	WA 5611M
Bryer, Wayne Parker	Med. 3	56 Leslie St., Saint John, N.B.	
Buchanan, William J. V	Arts P	990 Cherrier St., Montreal	FR 4710
Buckland, Francis C	Grad. Sch	Chamcook, N.B.	
Budden, Patricia Napier	B.A. 2	2237 Madison Ave., Montreal	WA 0355
Buffam, G. B. Bonar	Med. 2	2077 Tupper St., Montreal	WI 5224
Bugden, Wilson A	B.A. 2	Huntingdon, Que.	
Bunting, Sidney Smith	Arch. 2	1475 Mansfield, St., Montreal	MA 4429
Burd, Doris	Grad. Nurse 2	3535 Jeanne Mance St., Montreal	MA.3941
		Lennoxville, Que.	
		Apt. 12, 410 Sherbrooke St. W., Montreal	MA 2086
		475 Wiseman Ave., Montreal	AT 2247
		1196 Bishop St., Montreal	
		22 High St., Peterboro, N.H.	
		3506 University St., Montreal	MA 2055
		Ardara, Co. Donegal, Irish Free State.	
		3500 Durocher St., Montreal	HA 7559
		1063 Balfour Ave., Vancouver, B.C.	
		2150 Sherbrooke St. W., Montreal	WI 6824
		3506 University St., Montreal	MA 2055
		Box 267, Perth, Ont.	
		3506 University St., Montreal	MA 2055
		English Harbour, Trinity Bay, Nfld.	
		1829 Lincoln Ave., Montreal	WI 8529
		2040 Mansfield St., Montreal	LA 0973
		1300 Comox St., Vancouver, B.C.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Burgess, Eric Luther	Arch. 3	3699 Jeanne Mance St., Montreal 67 Grove Ave., Ottawa, Ont.	HA. 4756
Burgess, James A	Grad. P	1006 Sherbrooke St. W., Montreal Grand Falls, N.B.	LA 9632
Burleson, Henry Stevens	B.Sc. 3	3605 University St., Montreal 203 White Park Road, Ithaca, N.Y.	HA 5984
Burman, Samuel T	Theol.	2016 University St., Montreal	
Burri, Henry William	Eng. 1	1581 St. Andre St., Montreal	FR 1664
Burt, Elsa Patricia	Lib. Sch	1208 St. Mark St., Montreal Lennoxville, Que.	WI 4844
Burton, Frederick R	Grad. Sch	4995 Earnscliffe Ave., Montreal Waterville, Que.	EL 4725
Butler, Albert Alexander	Med. 2	3818 Wilson Ave., Montreal	WA 4643W
Butler, John Arthur Tweed	Eng. 2	5037 Grosvenor Ave., Montreal	EL 5738
Butterfield, Dudley St. George	Com. 2	3434 McTavish St., Montreal Hamilton, Burmuda.	PL 6773
Byers, Alfred Roddick	B.Sc. 4	3166 Westmount Blvd., Westmount, Que	FI 4202
Byers, Anne Richmond	B.A. 3	5606 Queen Mary Road, Montreal	EL 4838
Byers, Donald Newton	B.A. 3	5 Summit Circle, Westmount, Que.	FI 2250
Byers, Margaret Elizabeth	B.A. 1	5 Summit Circle, Westmount, Que.	FI 2250
Cageorge, John Douglas	B.Sc. 1	80, 44th Ave., Lachine, Que.	Lch 638
Cahill, George	Com. 2	665 McEachern Ave., Outremont	AT 2182
Calder, Alice D	Grad. Sch	3778 Westmount Blvd., Westmount, Que	WE 2029
Calder, Jr., Robert M	B.A. 3	5953 Hutchison St., Montreal	DO 0756
Calder, Tom	B.A. 3	6232 Godfrey Place, Montreal	WA 3774
Calhoon, Robert Budge	Law 2	3434 McTavish St., Montreal 449 Colorado Ave., Bridgeport, Conn.	PL 6773
Camerlain, Homer Henri	Law 1	113 St. Lawrence Ave., St. Lambert, Que	St.L. 316M
Cameron, Alexander James	Eng. 4	1940 Lincoln Ave., Montreal	WI 3058
Cameron, Ernest R	Grad. Sch	3464 Hutchison St., Montreal	MA 6689
Cameron, James Bryce	B.A. 3	3464 Hutchison St., Montreal	MA 6689
Cameron, James W	Grad. Sch	Macdonald College, Que	St.Ann 87
Cameron, Janet Morrison	B.A. 2	2071 Grey Ave., Montreal	DE 1363
Cameron, John Ross	Law 1	1572 Summerhill Ave., Montreal	FI 2767
Cameron, Margaret Barton	B.A. 4	Royal Victoria College, Montreal 51 Larch St., Halifax, N.S.	MA 9177
Cameron, Margaret Elizabeth	B.A. 4	3075 Trafalgar Ave., Montreal	FI 0818
Cameron, Olive Somerville	B.A. 1	4467 Montrose Ave., Westmount, Que	WE 4331
Campbell, Chester Russell	Med. 5	Strathcona Hall, Montreal 9327 Springfield Blvd., Queen's Village, L.I.	LA 1567
Campbell, Frank Bickerdike	Com. 2	66 Aberdeen Ave., Westmount, Que.	WE 0771
Campbell, George Harold Macdonnell	B.A. 2	644 Argyle Ave., Westmount, Que	WE 5283
Campbell, Jean G	B.A. 4	Royal Victoria College, Montreal 52 Ralph St., Ottawa, Ont.	MA 9177
Caplan, Joseph	Eng. 1	3566 Lorne Ave., Montreal Weldon, Sask.	MA 8812
Caplan, Nathan Harold	B.A. 3	173 de l'Epée Ave., Outremont	AT 4609
Cardon, Sylvia	B.A. 1	5322 Hutchison St., Montreal	CR 9542
Cardwell, Anthony Holme	Com. 2	Strathcona Hall, Montreal Fewshen Barn, Narlsworth, Glos., England.	LA 1567
Carl, Selma C. E	Grad. Sch	1820 Bayle St., Montreal	WI 9204
Carlisle, Thomas Hildred	Law 1	465 Lansdowne Ave., Westmount, Que	WE 5658
Carlson, Leslie A	Med. 4	Apt. 62, 3421 Durocher St., Montreal 1319 So. Lincoln, Denver, Colo.	HA 6526
Carlyle, Grant Morton	Com. 2	156 Easton Ave., Montreal West, Que. 1116 Sydenham Road, Calgary, Alta.	WA 0821
Carmichael, Ralph Miller	Eng. 1	3332 Troie Ave., Cote des Neiges Cowansville, Que.	EL 2092
Carmichael, William Ralph	B.Sc. 3	518 Second Ave., Verdun, Que.	
Carpenter, Frederick John	Med. 1	252 Pine Ave. W., Montreal 199 Springside Ave., Pittsfield, Mass.	HA 3889

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Carrier, Phil. George	Com. 4	6709 St. Denis St., Montreal	DO 4247
Carrique, Marlowe John	Com. 1	1930 Lincoln Ave., Montreal	WI 2628
Carsley, Cecil Frank	B.A. 2	12 Aberdeen Ave., Westmount, Que.	WE 2944
Carswell, Hervey B	Com. 2	3434 McTavish St., Montreal	PL 6773
		149 Daly Ave., Ottawa, Ont.	
Carter, Ernest C	B.A. 3	6900 Boyer St., Montreal	DO 0638
Carter, Mary Duncan	Arts P	536 Pine Ave. W., Montreal	MA 6467
Carter, Mary Elizabeth	B.A. 2	536 Pine Ave., Montreal	MA 6467
Carter, William Franklin Shaen	B.Sc. 1	119 Arlington Ave., Westmount, Que.	WE 7737
Casselman, Archie Boyd	Arts P	3485 McTavish St., Montreal	PL 1649
		Finch, Ont.	
Cassidy, Helen I	Music	7015 Grand Boulevard	WA 1992
Castleman, Letha D	Grad. Sch	555 Sherbrooke St., Montreal	
		704½ Union St., Schenectady, N.Y.	
Cathcart, Joseph	Theol. 1	3485 McTavish St., Montreal	PL 1649
		Kennetcook Corner, Hants Co., N.S.	
Caughey, Edgar H	Med. 1	Strathcona Hall, Montreal	LA 1567
		1121 Buckingham, Grosse Pointe, Mich.	
Cavanaugh, Thomas James	Med. 2	5850 Waverley St., Montreal	CR 8139
		360 Union Ave., Framingham, Mass.	
Cerini, Fred Vincent	B.Sc. 1	5605 Waverley St., Montreal	CR 4509
Cerini, John Mario	B.A. 4	5605 Waverley St., Montreal	CR 4509
Chalk, Henry Edwin	Eng. 3	4951 Western Ave., Westmount, Que.	WE 2090
Chalmers, George Everett Norris	Med. 4	3532 Lorne Ave., Montreal	MA 5992
		South Devon, N.B.	
Chamard, John McLean	Dent. 1	5166 Sherbrooke St. W., Montreal	WA 4964
Chamard, William Morrison	Com. 1	5166 Sherbrooke St. W., Montreal	DE 5134
Champagne, Georges Albert	Eng. 4	6616 St. Denis St., Montreal	CR 3346
Chandler, Lemuel K	Med. 2	539 Pine Ave. W., Montreal	MA 7818
		10 Park St., Barre, Vt.	
Chapin, Wight Nelson	Med. 2	539 Pine Ave. W., Montreal	MA 7818
		12 West Ave., Gt. Barrington, Mass.	
Chaplin, Frances Cynthia	B.A. 3	4379 Westmount Ave., Westmount, Que.	WE 3901
Chaplin, H. E	Eng. 3	4059 Westhill Ave., Montreal	WA 3628
		St. Johns, Nfld.	
Chapman, Clifford W	Grad. Sch	3649 Durocher St., Apt. 4, Montreal.	
		14 Clarey Ave., Ottawa, Ont.	
Chapman, Edward C. T	B.Sc. 2	Apt. 60, 2009 Mansfield St., Montreal	
		Box 440, Vernon, B.C.	
Chapman, Martin Hubert	B.Sc. 1	4412 St. Catherine St. W., Montreal, Apt. 11	WE 5015
Chapman, Stuart M	Eng. 1	1271 Dorchester St. W., Montreal	MA 8215
Charbonneau, J. Pierre	Com. 4	1001 Sherbrooke St. W., Montreal	PL 6978
		174 Clarence St., Ottawa, Ont.	
Chard, Harold	B.A. 4	241 Elm Ave., Westmount	FI 7768
Charlap, Gregory	Law 3	Apt. 10, 397 St. Joseph Blvd. W., Montreal	DO 8728
		411e, 37th St., Paterson, N.J.	
Charlton, Richard Jeffery	B.Sc. 1	402 Notre Dame St., Lachine, Que.	Lch 1520
		3592 University St., Montreal	MA 4479
Chave, John Henry	B.A. 1	Woodlands, Que	
Chen, Harold Y	Arts P	2024 Metcalfe St., Apt. 13, Montreal.	MA 5512
Chennell, Alwyn Charles S	Eng. 3	5831 Durocher Ave., Outremont	CR 5137
Chipman, Samuel G	Eng. 2	18 Brock Ave. S., Montreal West, Que.	WA 1236
Chipman, William Wainwright	Law 3	3754 Cote des Neiges Road, Montreal, Que	FI 6735
Chisholm, Helen W	Com. 3	144 Cote St. Antoine Road, Apt. 21, Westmount	WE 3069
		Britannia Bay, Ont.	
Chorobski, George	Grad. Sch	3661 St. Famille St., Montreal	
Christensen, Harry Edward	Med. 1	3559 University St., Montreal	MA 4418
		18 Riverside Ave., Gloucester, Mass.	
Christie, Alexander Norman	B.Sc. 1	3396 Maplewood Ave., Montreal	EL 4304
Christie, Archibald Mowatt	Eng. 1	87 Holton Ave., Westmount, Que.	FI 4035

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Christmas, Kenneth E	Com. 2	222 Melville Ave., Westmount, Que.	WE 4100
		"Endiang," St. Hilaire, Que	Beloeil 91
Chubb, Frances Learmonth	B.Sc. 1	1227 Dorchester St. W., Montreal	MA 8826
		214 Brown Ave., Quebec, Que	
Church, Charles B. G	Med. 4	3668 Durocher St., Montreal	MA 4657
		14 Powell Ave., Ottawa, Ont.	
Church, Edna Lillian	Grad. Nurse 1	3501 Park Ave., Montreal	PL 7014
Church, Harry Noel	Com. 4	3637 University St., Montreal	MA 1824
		14 Powell Ave., Ottawa, Ont.	
Cipriani, Andre Joseph	B.Sc. 4	1808 St. Catherine St. W., Montreal	FI 1704
		Port of Spain, Trinidad, B.W.I.	
Clare, Charlotte L	Soc. Work. 2	2051 Coursol St., Montreal	WI 7768
		St. Andrew's, N.B.	
Clark, Albert William	Med. 2	3635 Lorne Crescent, Montreal	MA 8729
		Manawagonish Road, Fairville, N.B.	
Clark, Annie Beatrice	B.A. 3	4845 Westmount Ave., Westmount, Que	EL 6563
		3 Locust St., Amesbury, Mass.	
Clark, Annie E	Grad. Sch	3466 University St., Montreal	MA 2608
		225 York St., Fredericton, N.B.	
Clark, Edgar Harrison	B.A. 2	3559 University St., Montreal	MA 4418
		Forest Hills, L.I., N.Y.	
Clark, George Raymond	B.Sc. 1	3434 McTavish St., Montreal	PL 6773
		297 London Road, Sarnia, Ont.	
Clark, James Frederick	Com. 4	1198 Mountain St., Montreal	PL 3522
		2005, 16th Ave. W., Vancouver, B.C.	
Clark, James Reid	Eng. 3	3519 Jeanne Mance St., Montreal	
		231 Duke St., Hamilton, Ont.	
Clark, Lorne Davis	Com. 1	121 Lazard Road, Mount Royal, Que.	AT 5231
Clark, Patricia Harriet	Arts P	717 Upper Lansdowne Ave., Westmount, Que	DE 2493
Clark, Robert James	B.Sc. 1	Dawes Farm, Lachine, Que.	
Clarke, Bruce Porteous	Eng. 2	1830 Lincoln Ave., Montreal	FI 4368
		Lennoxville, Que.	
Clarke, Jessie	B.A. 2	6721 Drolet St., Montreal	CA 0339W
Clarke, Joan Ethel	B.A. 1	310 Strathearn Ave., Montreal	WA 3978
Clarke, Thomas Ross	Eng. 1	55 Brock Ave., N., Montreal West, Que	WA 5157
Clarke, Walter Henry	B.Sc. 1	55 Brock Avenue N., Montreal West, Que	WA 5157
Classey, Joseph Herbert	B.A. 2	3643 Henri Julien St., Montreal	HA 2514
		Thornhill P.O., Ont.	
Claxton, Lewis Martin	B.Sc. 1	1325 Van Horne Ave., Outremont, Que	AT 3869M
Clay, Clement Claiborne	Med. 5	1441 Drummond St., Montreal	MA 4171
		190 5th Street, N.W., Atlanta, Ga.	
Clayman, William	Com. 4	5247 Hutchison St., Montreal	CR 6184
Clear, Frederick E. P	Eng. 3	2105 City Councillors St., Montreal	LA 9359
Cleland, Frederick D.	B.A. 2	5670 Mance St., Montreal	CR 0212
Clerkson, Maïda	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
		Broadview, Sask.	
Clermont, Jean	Arts P	275 St. Catherine Rd., Outremont, Que	AT 1020
Cleveland, Jack	Eng. 1	3592 University St., Montreal	MA 4479
		Danville, Que.	
Clift, Errol Bayly	B.Sc. 3	4573 Sherbrooke St. W., Montreal	WE 2667
Clinger, Orris W	Med. 3	640 Prince Arthur St. W., Montreal	MA 9531
		Tidioute, Pa.	
Clogg, Hazel Eileen	B.A. 1	1 Murray Ave., Westmount, Que	WE 6185
Clogg, Lorna Margaret	B.A. 2	1 Murray Ave., Westmount, Que	WE 6185
Close, John Frederick	Com. 2	1028 Sherbrooke St. W., Montreal	LA 0734
		9 St. Matthews Gardens, St. Leonards, England	
Clouston, Janet Stewart	B.A. 2	521Prince Arthur St. W., Montreal	MA 8847
Cobbett, Stuart Ashton	Com. 4	4209 Oxford Ave., Montreal	WA. 0874
Coblentz, Max	Law 3	5923 Clarke St., Montreal	CR 8241
Cockerton, Egbert Earl	B.A. 4	Springfield Park, Que.	
Cockram, W. Ewart	Theol. 3	3572 Lorne Ave., Montreal	MA 1831
Coffey, Agnes	Lib. P	P.O. Box 444, Montreal	MA 6933

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Cohen, Abraham D	Com. 4	4073 St. Lawrence Blvd., Montreal	BE 4346
Cohen, Arthur	B.Sc. 3	129 St. Joseph Blvd., W., Montreal	DO 2336
Cohen, Edgar Horace	B.A. 2	571 Grosvenor Ave., Westmount, Que.	WE 1544
Cohen, Frances Thelma	B.A. 1	4899 Sherbrooke St., Westmount, Que.	WE 5703
Cohen, Harold	Med. 5	4009 Henri Julien St., Montreal	PL 2942
Cohen, Irwin B	Law 3	5208 Cote St. Antoine Rd., Montreal	WA 4138
Cohen, Jason J	B.A. 4	3777 Grey Ave., Montreal	WE 6348
Cohen, Morris	Med. 3	4307 Esplanade Ave., Montreal	BE 2457
Cohen, Riva	Grad. Sch	571 Grosvenor Ave., Westmount, Que.	WE 1544
Cohen, Sam	B.A. 3	4307 Esplanade Ave., Montreal	BE 2457
Cohen, Sylvia L	Grad. Sch.	25 Rosemount Ave., Westmount, Que.	FI 4429
Cohen, William	Med. 4	3595 St. Famille St., Montreal	PL 3718
Coldwell, Edgar W	B.A. 4	16 Selby St., Westmount, Que.	WI 5016
Cole, Alfred H. P	Eng. 1	314 Brodaway, Lachine, Que.	Lach. 271
Coleman, James Alexander	B.A. 2	3605 University St., Montreal	MA 3101
Coleman, Mary Seton	B.A. 1	Royal Alexandra Hotel, Winnipeg, Man.	
Collard, Edmund G	Law 1	26 Sunnyside Ave., Westmount, Que.	WE 7719
Colley, Louise Annie	Phys. Ed. 2	4198 West Hill Ave., Montreal	WA 1707
Collison, David Beatty	Med. 4	396 Grosvenor Ave., Westmount, Que.	WE 7495
Coman, Dale Rex	Med. 4	1622 Lincoln Ave., Montreal	FI 3254
Condon, William B	Med. 4	Red Deer, Alta.	
Conklin, Hanford Arthur	Com. 1	418 Prince Arthur St. W., Montreal	HA 9580
Conner, Howard A.D.	Eng. 3	Wakefield, R.I.	
Conner, William John	Lib. Sch	640 Prince Arthur St. W., Montreal	MA 9531
Conroy, James Benedict	B.A. 4, Med. 1	335 Cobbs Hill Drive, Rochester, N.Y.	
*Contant, Joseph A. R. L.	Com. 1	1530 Bernard Ave., Outremont, Que	AT 1961
*Cook, Helen Margaret	B.A. 1	3506 University St., Montreal	MA 2055
Cook, J. Bernard	B.A. 3	32 Queen St., Sherbrooke, Que.	
Cooke, Ethel Blanch	Grad. Nurse 1	3531 Lorne Ave., Montreal	
Coolican, Denis Murray	Eng. 3	R.R. 2, Merlin, Ont.	
Cooper, Blema Betty	B.A. 4	4917 Connaught Ave., Montreal	WA 6705
Cooper, Charles Edwin	Med. 3	5513 Papineau Ave., Montreal	
Cooper, John Joseph	B.Sc. 2	3005 St. Antoine St., Montreal	
Cooper, Rex Harrop	B.A. 1	1012 Sherbrooke St. W., Montreal	LA 9632
Coorsh, Daniel	B.A. 1	157 Cedar Street, Sudbury, Ont.	
Copnick, Irving	Dent. 3	Western Hospital, Montreal	WI 6855
Coppick, Sydney	B.Sc. 1	Arundel, Que.	
Corbet, A. A. Gordon	Med. 5	3647 University St., Montreal	MA 2806
Corbet, Campbell V.B.	Com. 2	21 Linden Terrace, Ottawa, Ont.	
Corby, William John	Com. 3	26 Joyce Avenue, Outremont, Que.	AT 3702
Corcoran, Arthur Curtis	Med. 3	545 Pine Ave. W., Montreal	MA 1545
Cordeau, Roger	Law 1	120 W. Highland Drive, Seattle, Wash.	
Cornell, Douglas A	B.Sc. 2	5333 Brodeur St., Montreal	EL 6169
Cornell, L. Dean	B.A. 2	6 Kelvin Ave., Outremont, Que.	AT 0822
Corrigall, James A. S	B.A. 2	733 Querbes Ave., Outremont, Que	DO 2989
Costello, Herbert Martin	Law 1	4018 City Hall Ave., Montreal	LA 9904
Costello, Robert E. E	Eng. 1	3535 Durocher St., Montreal	LA 2978
Cotton, Hilda Eleanor	B.A. 2	3487 Durocher St., Montreal	MA 4963
Coulombe, Roland	B.Sc. 1	64 Coburg St., Saint John, N.B.	
		3605 University St., Montreal	MA 3101
		1201 6th Street W., Calgary, Alta.	
		2035 Grey Ave., Montreal	EL 8055
		Britannia Heights, Ottawa, Ont.	
		Apt. 15, 3660 Lorne Crescent, Montreal	MA 2596
		Waterloo, Que.	
		Drummond Apts., Drummond St., Montreal	MA 1900
		650 Grosvenor Ave., Westmount, Que.	EL 4964
		3447 Hingston Ave., Montreal	WA 1231
		1620 Cedar Ave., Montreal	FI 0856
		5443 Jeanne Mance St., Montreal	CR 3734
		39 Rivoli St., Cartierville, Que.	BY 1190
		338 Metcalfe Ave., Westmount, Que.	WE 4535
		3780 Botrel St., Montreal	WA 6106

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Couper, Jr., William Mason	Med. 4	4675 Upper Roslyn Ave., Westmount, Que.	EL 4639
Courtney, K. O	Med. 4	Apt. 2, 495 Prince Arthur St. W., Montreal	HA 9094
		3644 6th Street, San Diego, Cal.	
Coussirat, John H	Com. 3	60 Hicks St., Brooklyn, N.Y.	
Coveyduc, Emma May	B.A. 1	447 Galt Ave., Verdun, Que.	
Cowan, George G	Eng. 3	Apt. 7, 2020 Victoria St., Montreal	PL 8444
		Topsail Rd., St. Johns, Nfld.	
Cowie, Frederick William	Eng. 4	3745 Westmount Blvd., Westmount, Que.	WE 1986
Cowper, Betty Lou	B.A. 1	1060 Bernard Ave., Outremont, Que.	DO 3066
Cox, Harold A	Grad. Sch	Macdonald College, Que	St. Anne 87
Crabtree, Dorothy Louise	B.A. 3	5178 Cote St. Antoine Rd., Montreal.	WA 6263
Crabtree, Herbert Kay	Com. 4	46 Curzon St., Montreal West, Que.	WA 3609
Craig, Beulah	Com. 4	Royal Victoria College, Montreal	MA 9177
		Port Colborne, Ont.	
Craig, Carleton	Eng. 3	1525 St. Mark St., Montreal	FI 7374
		309 Somerset St., Ottawa, Ont.	
Craig, Gibson Edward	Com. 4	3581 University St., Montreal	MA 3842
		Carleton Place, Ont.	
Craig, Glenn H	Grad. Sch	3436 Durocher St., Montreal	MA 8846
		9838, 113th St., Edmonton, Alta.	
Craig, Robert Henry	Com. 2	1130 Sherbrooke St. W., Montreal	LA 0657
Craimer, Harry	Com. 3	3440 St. Dominique St., Montreal	....
Cram, Ebenezer John	Med. 5	1287 Ducharme Ave., Outremont, Que	AT 3871
		Green's Harbour, Trinity Bay, Nfld.	
Cram, Mildred E	Soc. Workers 2	Apt. 8, 1463 Mackay Street, Montreal.	PL 6583
		Green's Harbour, Trinity Bay, Nfld.	
Cramer, Harry Isaac	B.A. 3	3438 St. Dominique St., Montreal	HA 0884
Crawford, James M	Grad. Sch	3412 Addington Ave. (Apt. 3), Montreal	WA 5554
		Howick, Que.	
Crawford, Kenneth S	Eng. 1	3547 Jeanne Mance St., Montreal	LA 5965
		Lennoxville, Que.	
Creelman, John A	B.Sc. 1	1444 Sherbrooke St. W., Montreal	PL 3519
Creelman, Margaret W	Lib. Sch	3466 University St., Montreal	MA 2608
		4611 Marguerite Ave., Vancouver, B.C.	
Creighton, Carroll Clark	Med. 4	640 Prince Arthur St. W., Montreal.	MA 9531
		1202 E. Thomas Road, Phoenix, Ariz.	
Creighton, Samuel Allison	Med. 2	Apt. 23, 1475 Mansfield St., Montreal.	PL 1497
		Woodstock, N.B.	
Cressman, Homer W. J	Grad. Sch	1006 Sherbrooke St. W., Montreal	LA 9632
Cripps, Samuel	Dent. 2	5146b Casgrain St., Montreal	DO 9423
Crombie, John A. P	B.Sc. 1	3210 The Boulevard, Westmount, Que.	WE 7003
Cronyn, Hume	Arts P	Apt. 6, Drummond Apts., Stanley St., Montreal	PL 6931
		Woodfield, London, Ont.	
Cropper, James Porter Ellis	Eng. 3	3667 Jeanne Mance St., Montreal	HA 5427
		Kingstown, St. Vincent, B.W.I.	
Crosbie, Percy Manuel	Eng. 1	645 Prince Arthur St. W., Montreal.	HA 7095
		St. Johns, Nfld.	
Cross, Douglas Henry	Eng. 2	3581 University St., Montreal	MA 3842
		80 Montreal St., Sherbrooke, Que.	
Crossley, Robert Holden	B.Sc. 2	8023 Western Ave., Montreal West, Que.	WA 5581W
Crown, Ernest Harold	Com. 4	Apt. 45, 5352 Park Ave., Montreal	CR 2097
Crowther, Stanley MacEwan	B.Sc. 1	393 Kensington Ave., Westmount	FI 1234
Crozier, Leigh John	Med. 2	3485 McTavish St., Montreal	PL 1649
		Darnley, P.E.I.	
Crutchfield, Gordon H	B.Sc. 1	1235 Crescent St., Montreal	HA 4215
		109 Cascade Ave., Shawinigan Falls, Que.	
Crutchfield, William I. N	Com. 2	1235 Crescent St., Montreal	HA 4215
		109 Cascade Ave., Shawinigan Falls, Que.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Crutchlow, Everett Francis	B.A. 3	660 Lansdowne Ave., Westmount, Que.	EL 5964
Cumming, John Elliott	Eng. 4	3483 Peel St., Montreal	PL 3396
Cunliffe, Mary	B.A. 3	282 de l'Epée Ave., Outremont, Que.	AT 0991
Currie, Cecil	B.A. 4	3585 Durocher St., Montreal	HA 7638
Currie, Garner Ormsby	B.A. 2	3450 McTavish St., Montreal	PL 6027
Currie, Isabel H	Com. 1	Royal Victoria College, Montreal	MA 9177
		Bedford, Que.	
Curtis, L. A. Donald	B.A. 4	3506 University St., Montreal	MA 2055
		Blackhead, Nfld.	
Cushing, Dorothy Mabel	B.A. 3	3258 Westmount Blvd., Westmount, Que.	WE 2699
Dadson, Kenneth James	Com. 1	1015 Sherbrooke St., W., Montreal	PL 7641
		291 First Ave., Ottawa, Ont.	
Daignault, Lawrence George	Eng. 2	2067 Church St., Montreal	FI 6796
Daniels, Phyllis Jean	Arts P	3250 Cedar Ave., Westmount, Que.	WE 3447
Dainow, Henry	Com. 3	5161 Jeanne Mance St., Montreal	CR 3392
Dalrymple, Thomas	Med. 4	Central Y.M.C.A., Montreal	MA 4171
		5251 Windsor St., Vancouver, B.C.	
Dame, Paul	Law 2	63 St. Germain St., St. Laurent, Que.	BY 0403
Dancey, Travis Eugene	Med. 3	3483 Peel Street, Montreal	PL 3396
		Aylmer (West), Ont.	
Dangerfield, Gordon F	B.A. 3	3506 University St., Montreal	MA 2055
		Kemptville, Ont.	
Danielsen, Anna Ada	B.Sc. 2	4113 Dorchester St. W., Montreal	FI 7595
Danish, Jacob M	Arch. 1	4269 St. Urbain St., Montreal	LA 0184
Dann, E. Frederick M	Arch. 1	137 Ontario St. W., Montreal	LA 9452
		89 Forest Hill Rd., Toronto, Ont.	
Dashefsky, Cecilia	Music	4569 Jeanne Mance St., Montreal	BE 3198
Davidson, John Alexander	Med. 4	626 Murray Hill, Montreal	WE 6836
Davidson, Mary Helen	Grad. Sch	Apt. 4, 3597 Jeanne Mance St., Montreal	HA 4861
		10 Victoria N., Woodstock, Ont.	
Davies, Baxter Tudor	Med. 2	Apt. 3, 3500 Durocher St., Montreal	PL 9103
		635 Seventh St., Niagara Falls, Ont.	
Davies, Charlotte Frances	Phys. Ed. 1	27 Balfour St., Mount Royal, Que.	AT 6709
		2303 Trafalgar Road, Vancouver, B.C.	
Davies, Malcolm De Forest	B.A. 2	3651 Oxenden Ave., Montreal	MA 5517
Davis, Charles Wesley	Eng. 2	630 Grosvenor Ave., Westmount, Que.	EL 3368
Davis, Frederick Elliott	Arch 4	3628 Lorne Crescent, Apt. 4, Montreal	
		Compton Station, Que.	
Davis, Philip Taft	Com. 4	3609 University St., Montreal	MA 4300
		199 Clemow Ave., Ottawa, Ont.	
Davison, Charles Donald	Arch. 3	3433 Peel St., Montreal	PL 2073
		Bridgewater, N.S.	
Davison, James Lloyd	Com. 2	3647 University St., Montreal	MA 2806
		217 Samuel St., Kitchener, Ont.	
Dawe, Herven Maxwell	B.A. 4	3506 University St., Montreal	MA 2055
		Cupids, Nfld.	
Dawson, Dudley	B.A. 1	3478 McTavish St., Montreal	PL 7412
		56 Oriole Gardens, Toronto, Ont.	
Dawson, Isabel Graham	B.A. 3	21 Bellevue Ave., Westmount, Que.	WE 0746
Dawson, Raymond John	Med. 4	2019 Aylmer St., Montreal	HA 5732
		16 Granite St., Methuen, Mass.	
Day, Estella Marjory	Phys. Ed. 2	18 Wicksteed Road, Town of Mount Royal, Que	AT 2084
		Brantford, Ont.	
Daykin, Charles Edward	Med. 4	3506 University St., Montreal	LA 3356
		481 Gladstone Ave., Ottawa, Ont.	
Dean, Carl Creeper	Theol. 3	3506 University St., Montreal	MA 2055
		R.R. 1, Westford, Ont.	
Debrisay, Elizabeth Vale	B.A. 1	17 Grenville Road, Westmount, Que.	WE 3196
de Lalla, Emanuel	Med. 5	640 Prince Arthur W., Montreal	MA 9531
		704 Bleecker St., Utica, N.Y.	
de la Vergne, Paul Mason	Med. 2	539 Pine Ave. W., Montreal	MA 7818
		Salt Point, N.Y.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
*de Merten, Marcel Joseph Jean	Law 3	5868 Decarie Blvd., Montreal	EL 2789
de Montigny, Raimbault	Grad. Sch	367 Sherbrooke St. W., Montreal	LA 2979
		401 Daly Ave., Ottawa, Ont.	
Denenberg, Benjamin	Dent. 3	2033 Bleury St., Montreal	HA 6397
Denis, Frank Theophile	Eng. 4	3561 Lorne Ave., Montreal	MA 9541
		130 Maple Ave., Quebec, Que.	
Denton, Bertram Kelsey	B.Sc. 2	4242 Old Orchard Ave., Montreal	WA 1506
Denton, Ronald Lyman	B.A. 3	4242 Old Orchard Ave., Montreal	WA 1506
De Pierro, Rita Vittoria	B.A. 1	371 St. Louis Square, Montreal	LA 5347
Des Baillets, Adrienne Cecile	Arts P	509 Argyle Ave., Westmount	WE 1987
Des Baillets, Jacques Arthur	Eng. 1	509 Argyle Ave., Westmount	WE 1987
De Shield, Juanita Corinne	B.A. 1	765 Walnut Ave., Montreal	WE 2592F
De Smit, Raymond Warren	Med. 3	3485 McTavish St., Montreal	PL 1649
		1632 Hudson Ave., Rochester, N.Y.	
Dettmers, Austen Buchanan	B.A. 1	4348 Westmount Ave., Westmount, Que	WE 4171
Devenney, Hartland, M	Grad. Sch	1000 Gordon Ave., Verdun, Que.	
Dever, Walter George	Eng. 2	3556 St. Famille St., Montreal	PL 7383
Devitt, Harold Edward	Arch. 4	1205 Crescent St., Montreal	PL 4546
		235, 4th St. E., Cornwall, Ont.	
Devitt, Harry Bishop	Com. 4	Apt. 44, 1205 Crescent St., Montreal	PL 4546
		235 E. 4th St., Cornwall, Ont.	
*Dewing, Edward Bertram M.	S.S.W. 2		
Dexter, Joseph Dimock	Eng. 4	3555 University St., Montreal	MA 7918
		Brooklyn, Queen's Co., N.S.	
Dey, Cecil William Robert	Eng. 2	Central Y.M.C.A. Drummond St., Montreal	MA 4171
		629, 20th Ave. W., Calgary, Alta.	
d'Honincthun, Rene Cazin	Com. 2	3454 Peel St., Montreal	PL 1674
		Chateau de Laningon, Morlaix, France.	
Dick, Robert Norman	Med. 5	3419 University St., Montreal	MA 3089
		Britannia Beach, B.C.	
Dickson, Kathleen Agnes	Grad. Nurse 1	173 L'Esperance St., St. Lambert, Que	St.L 223J
Dike, Mary Elizabeth	B.A. 4	Royal Victoria College, Montreal	MA 9177
		702 Bathurst St., Toronto, Ont.	
Dinan, John James	Med. 3	3592 University St., Montreal	MA 4479
		39 D'Auteuil St., Quebec, Que.	
Dinovitzer, Oscar	Phar	4379 Old Orchard Ave., Montreal	
Di Pesa, Arthur	B.A. 1	6754 Drolet St., Montreal	CR 5714
Ditkofsky, Harry	Eng. 2	4455 City Hall Ave., Montreal	BE 4403J
Dixon, Michael George	Arch. 1	2290 Marcil Ave., Montreal	WA 8493
Dixon, Paul	Eng. 2	3457 Shuter Street, Montreal	MA 6446
		Old Greenwich, Conn.	
Doak, George Kenneth	Arts P	3506 University St., Montreal	LA 3356
		Cowansville, Que.	
Dobbin, Davin C	Eng. 4	2095 Grey Avenue, N.D.G.	WA 5304
Doble, Jean Audrey	B.A. 2	3228 Westmount Blvd., Montreal	WE 0463
Dobson, Kathryn Janet	B.A. 2	6645 Molson Street, Montreal	CA 9541
Dobson, Richard Nesbitt	Eng. 1	6645 Molson Street, Montreal	CA 9541
Dodd, George Kimball	Eng. 2	581 Lansdowne Ave., Westmount, Que.	WE 2296
Dodd, John Gordon	Com. 4	581 Lansdowne Ave., Westmount, Que	WE 2296
Dodds, L. Lileda	Music	3122 Daulac Road, Westmount, Que.	FI 9262
Dodds, Margaret Ruth	B.A. 4	3122 Daulac Road, Westmount, Que.	FI 9262
Doherty, D'Arcy M	Grad. Sch	3637 University St., Montreal	MA 1824
Doig, Harold Andrew	Theol. 2	2165 Marcil Ave., Montreal	
Doig, Melbourne Anderson	B.A. 4	1374 Sherbrooke St. W., Montreal	PL 4704
Dolfini, Walter William	Med. 1	2059 Peel St., Montreal	LA 0704
		2323 F. St. Eureka, Calif.	
Dollar, Helen Elaine	Med. 1	548 Prince Arthur St. W., Montreal	MA 7845
		Dollar Road, Heuvelton, N.Y.	
Dolphin, James	Eng. 3	3517 Jeanne Mance St., Montreal	PL 6980
		Marysville, N.B.	
Donohue, Arthur Timothy	Dent. 4	3589 St. Famille St., Montreal	PL 2676
Donohue, Gerald Harland	Med. 1	3462 Shuter St., Montreal	MA 7669
		30 Mechanic St., Presque Isle, Me.	

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Doody, Hubert	B.A. 4	3473 University St., Montreal Cannock, Staffs., England.	MA 4902
Doolittle, Doris Helen	Med. P. 2	1122 Sherbrooke St., Montreal 137e 28th St., New York.	LA 4573
Doran, Margaret Eleanor	B.A. 3	24 Springfield Ave., Westmount, Que.	WE 3446
Dorken, R. Walter	Eng. 3	87 Summit Crescent, Westmount, Que.	EL 1927
Doubilet, Samuel Arthur	Com. 1	5422 Waverley St. New Glasgow, Que.	CR 7770
Dougan, Travis Slipp	Med. 2	3483 Peel St., Montreal Harvey, N.B.	PL 3396
Douglas, Edward Walter	Med. 4	Apt. 1, 1622 Lincoln Ave., Montreal	FI 3254
Douglas, Robert Alexander C.	Com. 2	8710, 104th St., Edmonton, Alta. 3429 Peel St., Montreal	PL 7385
Doull, Harriett Evelyn Amy	Phys. Ed. 2	2154 Marine S.W., Vancouver, B.C. Royal Victoria College, Montreal Coldstream, Vernon, B.C.	MA 9177
Dove, John	B.A. 1	3473 University St., Montreal Harbour Grace, Nfld.	MA 4902
Dow, Ruth Paterson	Med. 4	4643 Sherbrooke St. W., Westmount, Que.	WE 0905
Dowd, Patricia Margaret	Arts P	640 Lansdowne Ave., Westmount, Que.	EL 5582
Dowling, Christina Rose	Grad. Nurse 1	6 Oldfield Ave., Montreal	WI 5957
Downey, Arthur	Arch. 1	70 Cardinal Ave., St. Laurent, Que	BY 1819
Downing, J. C	Theol	Farnham, Que.	
Doyle, Michael Guy	Eng. 3	252 Pine Ave. W., Montreal Jacques River, N.B.	HA 3889
Drew, Charles Richard	Med. 4	550 Milton St, Montreal Rosslyn, Va.	LA 3919
Drouin, Laurent	Law 2	4303 St. Hubert St., Montreal	FA 2090
Drury, Diana	Arts P	1523 Summerhill Ave., Westmount, Que.	FI 4461
Drury, Foster Taitt	Med. 1	495 Prince Arthur St. W., Montreal Gouverneur, N.Y.	HA 9094
Drysdale, Harold Raymond	Med. 4	3534 University St., Montreal 253 Rosedale St., Rochester, N.Y.	MA 3448
Dubin, Isadore Nathan	B.Sc. 2	3957 Clarke St., Montreal	BE 7035J
DuBois, Anne Marie Madeleine	B.A. 4	488 Argyle Ave., Westmount, Que	WE 6686W
DuBois, John Henry Edward	Com. 4	488 Argyle Ave., Westmount, Que	WE 6686W
Dubois, Joseph Gerald	Med. 3	Apt. 1, 3513 Hutchison St., Montreal	MA 7644
Du Boyce, R. Maxwell H	Law 2	Chipman, N.B. 2039 McGill College Ave., Montreal Richmond, Que.	PL 0551
Dubrule, Hildred Louise	Com. 2	Royal Victoria College, Montreal Prescott, Ont.	MA 9177
Dubuc, A. Claude	Law 1	4466 Western Ave., Westmount, Que.	WE 3886
Duchow, Marvin	Arts P	Apt. 2, 5602 Park Ave., Montreal	CR 3629
Duckworth, John	Grad. Sch	Macdonald College, Que	St Anne 87
Duder, Rudolph	B.A. 4	6 Laurier Ave. W., Outremont, Que St. Johns, Nfld.	DO 8161
Duff, Charles Alexander	B.Sc. 1	312 Strathearn Ave., Montreal West	WA 6934
Duff, Florence Eileen	B.A. 1	1415 Tower Ave., Montreal	WI 4246
Dugdale, Frederick Earle	Med. 4	3514 Lorne Ave., Montreal 12 Victoria St., Lowell, Mass.	MA 6743
Duguay, Martine Hebert	Law 1	132 St. James St., Montreal 5360 Duquette Ave., Montreal	WA 1163
Duguid, Violet Louise	B.A. 1	2477 St. Antoine St., Montreal	WI 7754
Dumaresq, Frances Maude	Lib. Sch	10658 Delorimier Ave., Montreal	DU 3815
Duncan, Edith Elizabeth	B.A. 1	5550 Cote St. Luc, Montreal	EL 6022
Duncan, Gaylen Rupert	Eng. 1	373 Oliver Ave., Westmount, Que. 318 S. Archibald St., Fort William, Ont. 515 Pine Ave. W., Montreal	MA 7645
Duncan, John Alexander	Med. 4	2601 Cascadia Ave., Seattle, Wash	
Dunlop, Jean Margaret	B.A. 1	37 Brock Ave. N., Montreal	WA 1854
Dunlop, Robert John Forrest	Eng. 4	Apt. 4, 3739 Hutchison St., Montreal St. Agnes de Dundee, Que.	HA 6486
Dunlop, William Patterson	Eng. 2	37 Brock Ave. N., Montreal West	WA 1854

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Dunn, Richard Berry	Med. 4	539 Pine Ave., Montreal 18 Cook Ave., Jamestown, N.Y.	MA 7818
Dunn, Thomas Edwin	Com. 1	Box 315, Y.M.C.A., Drummond St., Montreal Seaside Inn, St. Andrews, N.B.	MA 4171
Dunning, Herbert Arthur	Med. 4	1090 Beaver Hall Hill, Montreal 91 Florence Street, Ottawa, Ont.	LA 7947
Dupuis, Marie Therese	Arts P	275 Sherbrooke St. E., Montreal	LA 1035
Duval, Henry Percy	Eng. 3	39 Victoria St. St. Johns, Que	St. J 102
Dwyer, John Norman	Eng. 3	371 St. Joseph Blvd. W., Montreal	DO 6314
Dykes, Margaret C	B.A. 4	37 Glencoe Ave., Outremont, Que	AT 1762
Eakin, William Robert	Law 1	572 Roslyn Ave., Westmount, Que.	WE 1498
Eardley, Eric A	Grad. Sch	Macdonald College, Que	St. Anne 87
Eardley, Kenneth John Robert	Med. 3	772 Sherbrooke St. W., Montreal 346 Stradbrooke St., Winnipeg, Man.	LA 1567
Earle, C	Theol. 1	3473 University St., Montreal Port Credit, Ont.	MA 4902
Eastman, Charles William	Med. 2	3578 Shuter St., Montreal 30 Newton St., Brighton, Mass.	LA 1588
Eastman, E. I	Theol. 1	3473 University St., Montreal 1664 Glenmount Ave., Akron, Ohio.	MA 4902
Eaves, Wm. Alex. Layland	B.Sc. 1	5296 Durocher Ave., Outremont, Que.	AT 1809
Ebbett, George Hudson	B.Sc. 4, Med. 1	3592 University St., Montreal 10 Charles St., Houlton, Me.	MA 4479
Ebbitt, Stuart Nevison	Com. 3	3434 McTavish St., Montreal	PL 6773
Ecclestone, George Awrey	B.Sc. 1	5606 Phillips Ave., Montreal	AT 2671
Edgar, William S	Grad. Sch	6184 Notre Dame de Grace Ave., Montreal	WA 5083F
Edington, Jr., Archibald M	B.Sc. 4, Med. 1	4354 Wilson Ave., Montreal	EL 5250
Edmison, J. Alex	Law 3	690 Sherbrooke St. W., Montreal 78 Hogarth Ave., Toronto, Ont.	LA 7141
Edwards, Edward Benjamin	Med. 1	1435 Mansfield St., Montreal 213 W. 139th St., New York City.	
Edwards, James Harvey	B.Sc. 1	6657 Monkland Ave., Montreal	WA 2561
Edwards, Nina	Arts P., Music	510 Pine Ave. W., Montreal Lake Linden, Mich.	HA 2970
Edwards, Philip Aron	Med. 1	3581 Lorne Ave., Montreal 213 W. 139th St., New York City.	MA 0445
Eibel, Philip	Med. 4	921 Davaar Ave., Outremont, Que.	AT 7117W
Eidinger, Samuel Leonard	Med. 3	4319 Esplanade St., Montreal	BE 4022
Ein, Rebecca	Com. 1	428 Lansdowne Ave., Westmount, Que	WE 5903
Einbinder, Harry	Med. 4	376 Fairmount W., Montreal	CR 8780
Eisenstat, Jack	Dent. 1	2505 Notre Dame St. W., Montreal	WI 6237
Eliasoph, Annette Helen	B.Sc. 1	42 Sunset Ave., Outremont, Que	AT 7789
Eliasoph, Milton	Arch. 5	42 Sunset Ave., Outremont, Que.	At 7789
Eliot, Charles Graham	B.Sc. 1	3485 Western Ave., Westmount, Que. 148 Elgin St., Ottawa, Ont.	FI 4786
Elkin, Eugene Mitchell	Eng. 3	Apt. 11, 3484 Shuter St., Montreal	
Elkin, Evelyn Irene	B.A. 1	45 Chesterfield Ave., Westmount, Que.	EL 9621
Elkin, Seymour	Law 2	45 Chesterfield Ave., Westmount, Que.	EL 9621
Elliott, Elizabeth Hyman	B.A. 2	4476 Western Avenue, Westmount, Que.	WE 0216
Elliott, Kathleen Mansfield	Med. 3	5525 Decarie Blvd., Montreal	EL 6513
Elliott, William Hawes	Med. 1	3454 Peel St., Montreal P.O. Box 106, Cache Bay, Ont.	PL 1674
Ellis, George Howard	Med. 3	1015 Sherbrooke St. W., Montreal 1893 Davenport Road, Toronto, Ont.	PL 7641
Ellis, Marjorie Warren	B.Sc. 1	217 Ballantyne Ave., Montreal West, Que. Rothesay, N.B.	WA 6642
Ellsworth, Herman Charles	Med. 3	640 Prince Arthur W., Montreal Bangor, N.Y.	MA 9531
Elwood, Edward Cayley	B.A. 1	3605 University St., Montreal 671, 20th St. W., Prince Albert, Sask.	MA 3101
Embury, Elinor Eyton	B.A. 1	Royal Victoria College, Montreal 261 Leopold Crescent, Regina, Sask.	MA 9177

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Epstein, Francis St. John	Arch. 1	43 Cornwall Ave., Mount Royal, Que.	AT 0241
Epstein, Louis	Dent. 4	5839 Terrebonne Ave., Montreal	WA 9844W
Erlick, George E	B.A. 4	2040 Bleury St., Montreal	HA 6838
Erskine, Gordon Wallace	B.Sc. 3	574 Congregation St., Montreal	YO 2125
Esmond, Douglas C	Eng. 3	3592 University St., Montreal	MA 4479
		3 Grenadier Gardens, Toronto, Ont.	
Essery, Margaret Louise	B.A. 4	367 Edward Charles St., Montreal	DO 5407
Estano, Margaret Catherine	B.Sc. 1	71 Arlington Ave., Westmount, Que.	WE 8034
Estano, Verne William Turrill	Com. 2	71 Arlington Ave., Westmount, Que.	WE 8034
Evans, Alexander Maxwell	Med. 5	3637 University St., Montreal	MA 1824
		3775 Pender St. E., Vancouver, B.C.	
Evans, Delano E	Grad. Sch	Apt. 27, 522 Sherbrooke St. W., Montreal	LA 7869
Evans, Gerald Taylor	Med. 5	Apt. 19, 3721 Ave. de l'Oratoire, Montreal	EL 2919
Evans, Marjorie Gertrude	B.A. 1	Royal Victoria College, Montreal	MA 9177
		Dolbeau, Que.	
Evans, Philip Norton	Eng. 3	352 Kitchener Ave., Westmount, Que.	FI 4455
Evans, S. Courtenay	B.A. 2	3071 Trafalgar Ave., Montreal	FI 0760
		20 Clemow Ave., Ottawa, Ont.	
Evelyn, Kenneth Austin	B.Sc. 4	1001 Sherbrooke St. W., Montreal	PL 6978
		Duncans, Jamaica, B.W.I.	
Evens, William Edmund	Com. 1	1 Rosemount Ave., Westmount, Que.	FI 5712
Ewart, Alexander Lindsay	B.Sc. 1	46 Strathcona Hall, Montreal	LA 1567
		2236 Hyde St., Honolulu, Hawaii.	
Ewen, William John	B.Sc. 1	1022 Sherbrooke St. W., Montreal	
		Casa Blanca, Montego Bay, Jamaica, B.W.I.	
Fabbro, Louis Nicholas	Arch. 1	3675 Mance St., Montreal	HA 2811
		249 Lorne St., Sudbury, Ont.	
Fairbourn, Edwin James	Med. 1	640 Prince Arthur St. W., Montreal	MA 9531
		2214, 10th Ave. N., Seattle, Wash.	
Fairie, Eloise	Arts P	1165 Mountain St., Montreal	MA 8705
Fairman, Margaret Isabel	Arts P	28 Rosemount Ave., Westmount, Que.	FI 9011
Farmer, Eric Westover	Arts P	35 Beverley Ave., Mt. Royal, Que.	AT 5985
		P.O. Box 111, Ste. Therese, Que.	
Farmer, Kenneth Pentin	Com. 2	30 Maple Ave., Ste. Anne de Bellevue, Que	St.Anne 117
Farquharson, Hugh Miller	Law 1	67b Prospect St., Westmount, Que.	WE 6840
Farrell, Dominic Mark	Com. 2	The Chateau Apts., Sherbrooke St., Montreal	
Farrell, Peter Ross Macintosh	Arts P	3473 University St., Montreal	MA 4902
		23 Comeragh Road, West Kensington, England	
Farren, Helen Elizabeth	B.A. 1	Royal Victoria College, Montreal	MA 9177
		245 Malta Ave., Ballston Spa, N.Y.	
Faubert, Liguori	Grad. P	3600 Wellington St., Verdun, Que.	YO 6825
Faulkner, George Vermilyea	Med. 3	545 Pine Ave. W., Montreal	MA 1545
		Belleville, Ont.	
Fee, Beatrice Pamelia	B.A. 1	534 Prince Arthur W., Montreal	MA 5500
Feigenbaum, Max	B.A. 2	Apt. 61, 5249 Park Ave., Montreal	CR 5880
Feiner, Abraham	Law 1, Grad. P.	1473 Dorion St., Montreal	CH 6613
Feller, Jacob	Med. 4	367 Sherbrooke St. W., Montreal	LA 2979
Fenton, Mary Frances	B.A. 3	Royal Victoria College, Montreal	MA 9177
		2 Wilder Terrace, West Springfield, Mass.	
Ferguson, Alexander John	B.Sc. 1	657 Cote St. Antoine Road, Montreal.	EL 8290
Ferguson, Helen Blakey	B.A. 1	723 Sixth Ave., Verdun, Que	YO 9756M
Ferguson, William	Grad. Sch	Macdonald College, Que	St.Anne 87
Ferrand, Ella Antoinette	Grad. Nurse 1	Apt. 9, 5711 Sherbrooke St. W., Montreal	EL 0984
		139 Church St., Amherst, N.S.	
Ferrier, George Cornelius	Med. 1	3506 University St., Montreal	MA 2055
		South Mountain, Ont.	
Ferriss, Ronald	B.Sc. 1	3535 Lorne Ave., Montreal	
		1526 Dougall Ave., Windsor, Ont.	
Fidler, Evelyn May	Soc. Workers	2365 Grand Trunk St., Montreal	WI 6202
		Box 331, Brandon, Man.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Filby, Edgar A	Grad. Sch	3540 Hutchison St., Montreal	HA 7718
Filion, Joseph Paul	B.Sc. 1	660 Dollard Blvd., Outremont, Que.	AT 5441W
Filson, Homer Willis	Med. 2	2070 Mansfield St., Montreal	MA 2698
		219 W. 4th St., Erie, Pa.	
Finck, Mary B	B.A. 1	Royal Victoria College, Montreal	MA 9177
		143 Elmer St., Westfield, N.J.	
Findlay, Gordon H	Grad. Sch	Macdonald College, Que.	St.Anne 87
Findlay, Kenneth Carlyle	Com. 1	3434 McTavish St., Montreal	PL 6773
		Carleton Place, Ont.	
Finestone, Bernard	B.A. 3	4436 St. Catherine St. W., Westmount, Que.	WE 8400
Finkel, Henry	Arch. 3	4395 Clarke St., Montreal	HA 7432
Finkelstein, Issie	Eng. 1	137 Dorchester St. W., Montreal	LA 2027
Finlayson, Leonard R	Grad. Sch	6117 Monkland Ave., Montreal	EL 3049
Fisher, Charles B	Grad. Sch	410 Victoria Ave., Westmount, Que.	WE 3467
Fisher, Frederick S	Grad. Sch	532 Notre Dame St., Lachine, Que.	Lch 1947
Fisher, Sydney T	Grad. Sch	410 Victoria Ave., Westmount, Que.	WE 3467
Fisk, Guy Hebert	Med. 4	86 Maple Ave., St. Lambert, Que.	StL 1235
Fitzgerald, Frederick Walter	Med. 4	5023 Grosvenor Ave., Westmount, Que.	WA 6610
		Grand Falls, Nfld.	
Fitzhugh, Jr., William McP.	Med. 4	11 McCulloch Ave., Outremont, Que.	AT 0426W
		2350 Broadway, San Francisco, Calif.	
Flander, Madeleine May	Grad. Nurse 1	Apt. 2, 2085 Decarie Blvd., Montreal.	DE 6195
Flanders, Sidney Harold	Com. 3	6046 Durocher Ave., Outremont, Que.	DO 7807
Fleck, John	Arts P	3485 McTavish St., Montreal	PL 1649
		Thistle St., Falkirk, Scotland.	
Fleishman, Maurice H	Arch. 1	17 St. Catherine Rd., Apt. 6, Montreal	DO 8713
Fleming, Allan James	Med. 5	Shriners' Hospital, Cedar Ave., Montreal	PL 4464
		Ste. 33A De Barry Apts., Winnipeg, Man.	
Fleming, Donald Stitt	B.A. 4, Med. 1	4326 Coolbrook Ave., Montreal	EL 3386
Fleming, Frances Renee	Com. 1	5424 Grove Hill Place, Monteal	WA 9394
		6 Cobalt Ave., Ottawa, Ont.	
Flinn, John Sheridan	Med. 1	515 Pine Ave. W., Montreal	LA 7645
		102 Gurley Ave., Prescott, Ariz.	
Floud, Gwendolyn Jane	B.A. 1	20 Thornhill Ave., Westmount, Que.	WE 1065
Flynn, Frederick Garnet	B.A. 1	3772 Vendome Ave., Montreal	WA 7294
Foggo, Cyril Walter	Arts P	3506 University St., Montreal	MA 2055
		Ardoch, Towncourt Crescent, Petts Wood, Kent, Eng.	
Fontaine, Lucienne Eugenie	B.A. 2	5957 Toulouse St., Montreal	CL 7080J
Foote, William R	Med. 3	495 Prince Arthur St. W., Montreal.	MA 4365
		1546, 12th Ave W., Vancouver, B.C.	
Foote, John Weir	Theol. 1	3485 McTavish St., Montreal	PL 1649
		5 Hartley St., Brockville, Ont.	
Forbes, Franklin R	Grad. Sch	Macdonald College, Que	St.Anne 87
Forbes, Gordon Ross	Com. 3	3609 University St., Montreal	MA 4300
		111 Powell Ave., Ottawa, Ont.	
Forbes, Jean McNeil	B.A. 3	510 Pine Ave. W., Montreal	HA 2970
		111 Powell Ave., Ottawa, Ont.	
Forbes, Jean Stewart	Grad. Nurse 1	3542 Lorne Ave., Montreal	MA 6825
		Washington St., New Glasgow, N.S., P.O. Box 391	
Ford, Mary Helen	B.A. 1	Royal Victoria College, Montreal	MA 9177
		Cowansville, Que.	
Ford, Robert Graeme	B.Sc. 4	3506 University St., Montreal	MA 2055
		Portneuf Station, Que.	
Ford, William Maxwell	Law 2	203 L'Esperance St., St. Lambert, Que.	St.L 4095
Foster, Frank Pray	Med. 4	2100 Marlowe Ave., Montreal	WA 5620
		2 Erwin Park, Montclair, N.J.	
Foster, Ian McLeod	Eng. 1	1437 McGill College Ave., Montreal	LA 7036
Foster, Ida Lyon	Phys. Ed. 2	Royal Victoria College, Montreal	MA 9177
		84 Palmer St., Guelph, Ont.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Fougere, Hermann Henri	B.Sc. 2	3555 University St., Montreal	MA 7918
		Shediac, N.S.	
Fournier, Claude Joseph	Med. 5	3419 University St., Montreal	MA 3089
		249 Cedar St., Sudbury, Ont.	
Fowler, Anna Jean	Grad. Nurse 1	Y.W.C.A., 1201 Dorchester St., Montreal	MA 7366-Local 2
		P.O. Box 98, St. Johns, Nfld.	
Fowler, Frances Louise	Grad. P	3466 University St., Montreal	MA 2608
		Riondel, B.C.	
Fowler, Hanford McKee	B.A. 4	1528 Crescent St., Montreal	PL 5616
		279 Regent St., Fredericton, N.B.	
Frame, Gordon F	Grad. Sch	1235 Crescent St., Apt. 7, Montreal	MA 8203
		Brookfield, N.S.	
Frankel, Issie Aaron	B.A. 3	5637 Esplanade Ave., Montreal	CR 8879
Frankel, Paul Herman	Eng. 2	460 Strathcona Ave., Westmount, Que	WE 0090
Fraser, Allan Donald William	Eng. 2	1239 Van Horne Ave., Montreal	
Fraser, Bessie Fairbairn	Lib. Sch	432 Moffatt Ave., Verdun, Que.	
Fraser, Gordon Edson	B.Sc. 1	1239 Van Horne Ave., Montreal	
Fraser, John Ramsey	Com. 2	3637 University St., Montreal	MA 1824
		73 De Lisle Avenue, Toronto, Ont.	
Fraser, William Gardiner	Med. 5	3467 Shuter St., Montreal	MA 9524
		812 Summer St., Lynn, Mass.	
Frazee, Margaret Isabel	Phys. Ed. 1	10 Bellevue Ave., Westmount, Que	WE 7642
Freedman, Annie	B.A. 2	6109 Durocher Ave., Outremont, Que.	AT 4759W
Freedman, Bertram J	Com. 4	366 Kensington Ave., Westmount, Que	FI 8930
Freedman, Ernest Orkin	Law 2	366 Kensington Ave., Westmount, Que.	FI 8930
Freeman, Claire Louise	B.Sc. 1	Royal Victoria College, Montreal	MA 9177
		104 York St., Cornwall, Ont.	
Freeman, Robert G	Med. 1	Apt. 10, 495 Prince Arthur St. W., Montreal	LA 0771
		675 Magnolia Ave., Pasadena, Calif.	
French, Beryl Elizabeth	Phys. Ed. 1	4219 Marcil Ave., Montreal	WA 4915J
French, Philip Bemis	Eng. 2	456 Pine Ave. W., Montreal	MA 3095
Friedman, Mary	Music	186-9th Ave., Longueuil, Que	Long 436
Friedman, Reuben	B.Sc. 1	5484 Casgrain Ave., Montreal	CR 0923
Froats, E. Basken	B.A. 4	3506 University St., Montreal	MA 2055
		130 Hinton Ave., Ottawa, Ont.	
Frost, Anson Coburn Gardner	Med. 5	3637 University St., Montreal	MA 1824
		1619 King Edward Ave., Vancouver, B.C.	
Frost, John Windsor	Arts P., Med. 1	3637 University St., Montreal	MA 1824
		1619 King Edward Ave., Vancouver, B.C.	
Fulcher, John Gordon	Com. 3	3581 University St., Montreal	MA 3842
		Hemmingford, Que.	
Fulford, G. Lloyd	Theol. 1	3485 McTavish St., Montreal	PL 1649
		Arnprior, Ont.	
Fuller, Harold Trowbridge	Med. 3	Central Y.M.C.A., Montreal	MA 4171
		Strawberry Hill, Dover, Mass.	Rm 5045
Fyfe, Ronald Martin	B.Sc. 1	312 Ballantyne Ave. N., Montreal West, Que	WA 0857
Fyshe, Thomas Gregor	Med. 2	Apt. 11, 2075 Lincoln Ave., Montreal	WI 1071
Gage, John Edward	Com. 4	3433 Peel St., Montreal	PL 2073
		555 Wellington Crescent, Winnipeg, Man.	
Gagnon, Maurice d'Auteuil	Law 1	4214 Western Ave., Westmount, Que	WE 0473
Gahan, Henry Manning	Med. 2	3617 Lorne Crescent, Montreal	MA 3147
		19 Washington St., Medford, Mass.	
Gaillard, Milton Tacitus	Med. 5	3566 Lorne Ave., Montreal	MA 8812
		147 Rogers Ave., Brooklyn, N.Y.	
Gales, David Lorne	B.A. 4	Apt. 1, 1536 St. Mark St., Montreal	WI 4551
Gallaher, Logan Volume	Arch. 2	3485 McTavish St., Montreal	PL 1649
		428 Alfred St., Kingston, Ont.	
Gallaugher, Arthur F	Grad. Sch	4624 Earnscliffe Ave., Montreal	
		4645 W. 4th Ave., Vancouver, B.C.	
Galt, Norman Mercer	Com. 2	1586 Pine Ave. W., Montreal	FI 8374

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Gamble, Charles Sevright	Med. 4	4620 Jeanne Mance St., Montreal	BE 6643W
Gamble, Fred	Eng. 2	1444 Fort St., Montreal McMasterville, Que.	WI 3425
Gannon, Joseph Martin	Med. 2	3578 University St., Montreal 459 Franklin Ave., Brooklyn, N.Y.	MA 1074
Garcelon, Gerald G	Med. 2	Apt. 23, 1475 Mansfield St., Montreal Dark Harbour, Me.	PL 1497
Gardham, Roma Pearl	Soc. Workers	2051 Coursol St., Montreal 405 Rideau St., Ottawa, Ont.	
Gardner, Bella	B.A. 2	668 Belmont Ave., Westmount, Que. 36 Dauphine St., Quebec, Que.	WE 3355
Gardner, Campbell McG	Grad. Sch	Montreal General Hospital	PL 7751
Gardner, Wallace Joseph	B.Sc. 1	1430 Bishop St., Montreal Westport, N.Y.	PL 6700
Garland, John Root	B.Sc. 1	1532 Summerhill Ave., Montreal	FI 2755
Garlick, Margaret Isabel	B.Sc. 2	3758 St. Hubert St., Montreal	HA 5415
Garmaise, Maurice John	B.A. 1	210 Laurier Ave. W., Montreal	DO 1085
Garneau, Edouard	B.A. 3	3456 University St., Montreal	MA 9703
Garnham, George Reginald	Arts P	3473 University St., Montreal c/o 23 Longford Terrace, Lidget Green, Bradford, Yorks, Eng.	MA 4902
Garonce, Philip Shrague	B.A. 3	5137 Clarke St., Montreal	CR 8147
Garrett, Eric Alonzo	B.A. 2	McMasterville, Que	
Garrett, Lillian Maude	Grad. Nurse 1	3504 Park Ave., Montreal 297 Murray St., Pembroke, Ont.	MA 8945
Garvock, Alexander Graham	Eng. 3	3429 Peel St., Montreal 136 Lewis St., Ottawa, Ont.	PL 7395
Gascoigne, Thomas Guthrie	B.A. 2	4095 Cote des Neiges Road, Montreal 11 Lockharton Gardens, Edinburgh, Scotland.	FI 8847
Gatehouse, Wallace Morgan	B.A. 2	38 Edgehill Road, Montreal	WE 1897
Gelfand, Myer	Law 3	5151 Jeanne Mance St., Montreal	CR 1993
Genser, Jack	Com. 2	5844 Hutchison St. Montreal	CR 8570
Gershovitch, Jack	Eng. 1	4282 St. Urbain St., Montreal Kenogami, Que.	BE 5884J
Gerson, Sydney	Arch. 2	723 Stuart Ave., Outremont, Que	AT 2894
Gersovitz, Frank	Eng. 4	457 Argyle Ave., Westmount, Que	WE 3579
Gibbon, John	Com. 1	29 Perrault Ave., Ste. Anne de Bellevue, Que	St.Anne157
Giblin, Norris	Grad. Sch	Biological Bldg., McGill University	MA 9181
Giguere, Henri Camille	Dent. 4	Apt. 19, 1120 Bernard Ave. W., Montreal	AT 4596
Gilbert, David	Law 3	5475 Esplanade Ave., Montreal	CR 6617
Gilbert, Isabel Dunham	Med. 2	548 Prince Arthur St. W., Montreal Sharon, Conn.	MA 7845
Gildea, W. F. Peter	B.Sc. 1	Strathcona Hall, Montreal Brownville Junction, Me.	LA 1567
Gill, Dorothy, A	Grad. P	3426 McTavish St., Montreal 198 Somerset St., Ottawa, Ont.	PL 4538
Gill, MacLean John	Med. 5	257 Dorchester St. W., Montreal Woodsville, N.H.	LA 9855
Gillain, Denise	B.Sc. 1	2423 Joliette St., Montreal	
Gillean, Watson	B.A. 4	604 Clarke Ave., Westmount, Que	WE 2722
Gillies, Donald J	Theol	3485 McTavish St., Montreal	PL 1649
Gillson, C. Grace	Grad. Sch	2080 Lincoln Ave., Apt. 29, Montreal	WI 7739
Gilmour, Arthur Willard	Com. 3	3830 Hampton Ave., Montreal	WA 9334
Gilmour, Ruth Radmore	B.A. 2	Royal Victoria College, Montreal 75 Park Avenue, Quebec, Que.	MA 9177
Gilroy, Geoffrey Sidney	B.A. 4	772 Sherbrooke St. W., Montreal Smiths Falls, Ont.	LA 1567
Gingras, Louis-Philippe	Eng. 1	Central Y.M.C.A., Montreal 36 St. Augustin, Que.	MA 8331
Ginsberg, Hilliard	Law 3	Apt. 16, 3660 Hutchison St., Montreal	LA 8823
Girard, Raoul	Eng. 1	27 McNider St., Montreal	DO 6797
Girard, Voligny	Com. 4	922 Sherbrooke St. E., Montreal	FR 3041
Girdwood, Charles Percival	Eng. 3	4064 Oxford Ave., Montreal 243 Kingston St., Victoria, B.C.	WA 4177

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Girvan, George Ralph	Med. 2	3462 Shuter St., Montreal	MA 7669
		167 Weldon St., Moncton, N.B.	
Gitnick, Philip Jacob	Dent. 1	4313 St. Dominique St., Montreal	BE 9991M
Gitterman, Sam. A	Arch. 2	5134 Jeanne Mance St., Montreal	CR 1422
Giulianelli, Leonard Salvatore	Med. 5	5568 First Ave., Rosemount, Montreal	CH 3017
Glasberg, Frances G	B.A. 3	865 Dunlop Ave., Montreal	AT 1681
Glashan, Keith	B.Sc. 1	5261 Cartier St., Montreal	AM 2498
Glass, William Kearns	Com. 4	3454 Peel St., Montreal	PL 1674
		78 Ash Ave., Winnipeg, Man	
Glober, Samuel	Grad. Sch	5187 Jeanne Mance St., Montreal	
Goff, Waldron, Arthur	Soc. Workers	1492 St. Catherine St., Montreal	FI 6466
*Goldberg, Rosie E.	Music	5170 Park Ave., Montreal	CR 3563
Goldenberg, H. Carl	Law 3	417 Mount Stephen Ave., Westmount, Que.	WE 2426
Goldenberg, Mark Elias	B.A. 2	4200 Sherbrooke St. W., Montreal	FI 0737
Goldfine, Annabel	B.A. 3	Apt. 2, 4278 Sherbrooke St. W., Montreal	FI 5859
Goldfine, Marvyn Joel	B.A. 1	Apt. 2, 4278 Sherbrooke St. W., Montreal	FI 5859
Goldrich, Abraham	B.Sc. 1	4223 Laval St., Montreal	BE 4445M
Goldstein, Joseph	B.A. 2	1377 Lajoie Ave., Montreal	AT 1276
Goldstein, Solly Joseph	B.Sc. 1	4677 Jeanne Mance St., Montreal	BE 0439J
Goldwater, Gitelle	B.A. 2	2180 St. Luke St., Montreal	WI 7010
Golfman, Myer	Med. 1	5940 Sherbrooke St., Montreal	WA 4548
Good, Robert	Theol. 3	3485 McTavish St., Montreal	PL 1649
		Pointe-aux-Trembles, Que.	
Goode, Robert Charles Jeffrey	Eng. 3	2059 Peel St., Montreal	LA 0704
		49 Westbourne Gardens, London, W.2, England.	
Goodfellow, George Douglas	B.Sc. 1	3567 Peel St., Montreal	PL 3802
Goodman, David	B.A. 2	5239 Durocher Ave., Outremont, Que.	CR 8776
Goodman, Harold Hyman	Com. 4	3557 Lorne Ave., Montreal	MA 9621
Goodman, Joseph	B.A. 2	231 Villeneuve St. W., Montreal	DO 9438
Goodman, Samuel J	Grad. Sch	4439 Clarke St., Montreal	HA 3613
Goodrich, Geneva E	Med. 1	3466 University St., Montreal	MA 2608
		181 Prospect Blvd., Waterloo, Iowa.	
Goodstone, Gerald Leonard	B.A. 4, Med. 1	5859 Esplanade Ave., Montreal	CR 2001
Gordon, Alec Little	B.Sc. 1	634 Victoria Ave., Westmount, Que.	EL 2760
Gordon, Crawford	Com. 1	2 Richelieu Place, Montreal	PL 7582
		9 Cambridge Gate, Regent's Park, London, N.W. 1.	
Gordon, Dora	Dent. 2	4865 Jeanne Mance St., Montreal	DO 9928
Gordon, Elsie Jean	B.A. 2	4000 Hampton Ave., Montreal	WA 1414
Gordon, Hugh John	Eng. 3	Strathcona Hall, Montreal	LA 1567
		Florenceville, N.B.	
Gordon, Thomas Alexander	Com. 1	3637 University St., Montreal	MA 1824
		8 Old Forest Hill Road, Toronto, Ont.	
Gordon, Wilmot B	B.A. 2	Central Y.M.C.A., Montreal	MA 4171
		369 Hunter St., Peterboro, Ont.	
Goring, Gilman Rogers	B.Sc. 1	68 O'Brien Blvd., Montreal	BY 0745
Gorman, Lawrence Franklin	Com. 1	1015 Sherbrooke St., Montreal	PL 7641
		314 Clemow Ave., Ottawa, Ont.	
Gough, Maria Alberta	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
		49 Queen Street, Sherbrooke, Que.	
Gough, William Frederick	Med. 3	Apt. 33, 4560 St. Catherine St. W., Westmount, Que.	WE 2492
Goulding, Velma Jeanne	B.A. 3	Royal Victoria College Montreal	MA 9177
		67 St. George St., Toronto, Ont.	
Gowans, David Kenneth	Arch. 1	103 Sunnyside Ave., Westmount, Que.	EL 4700
Gowans, Marjorie Scott	B.A. 3	103 Sunnyside Ave., Westmount, Que.	EL 4700
Graham, Alvyn Alexander	Com. 2	4346 Coolbrook Ave., Montreal	WA 7038W
Graham, Arthur Duncan	B.A. 1	2064 Mansfield St., Montreal	LA 6825
		5 Montcalm St., Hull, Que.	
Graham, Charles Allison		Central Y.M.C.A., Montreal	MA 4171

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Graham, Christine Elizabeth	B.A. 4	Royal Victoria College, Montreal	MA 9177
		2042 Cornwall St., Regina, Sask.	
Graham, Eric Richard	Com. 3	756 Bloomfield Ave., Outremont, Que.	AT 0433
Graham, Hudson Keith	B.A. 1	1441 Drummond St., Montreal	MA 4171
		Chesterville, Ont.	
Graham, James	B.Sc. 1	1806 Dorchester St. W., Montreal	WI 6786
Granger, Ruth Aubrey	Com. 4	79 Brock Ave., Montreal West, Que.	WA 7439
Grant, Elizabeth R	Grad. Sch	805 Upper Lansdowne Ave., Westmount, Que.	EL 2119
Grant, John	Eng. 2	475 Argyle Ave., Westmount, Que.	WE 5260
Grant, Margaret M	B.A. 3	Royal Victoria College, Montreal	MA 9177
		Upper Canada College, Toronto 5, Ont.	
Grant, Mary Jean	B.A. 3	475 Argyle Ave., Westmount, Que.	WE 5260
Grant, Roy Cameron	Arts P., Med. 1.	3419 University St., Montreal	MA 3089
		1527 Cold Harbour Road, Victoria, B.C.	
Grant, William Thompson	Com. 2	3637 University St., Montreal	MA 1824
		280 Devonshire Road, Walkerville, Ont.	
Grauer, Frederick William	Med. 1	3500 Durocher St., Montreal	HA 7559
		Eburne P.O., B.C.	
Gray, Edward Lyall	Com. 1	596 Cote St. Antoine Road, Westmount, Que.	WE 2670
Gray, James Davidson	Med. 5	4100 Cote des Neiges Road, Montreal.	FI 3274
Gray, Kenneth Russell	Grad. Sch.	3635 Lorne Crescent, Montreal	MA 8729
		1339 Barclay St., Vancouver, B.C.	
Gray, Nelson Milton	Med. 5	1433 Chomedy St., Montreal	WI 3311
Grayson-Bell, Bryce	Com. 4	3429 Peel St., Montreal	PL 7385
		900 Echo Drive, Ottawa, Ont.	
Green, Martha Wilder	B.A. 2	Royal Victoria College, Montreal	MA 9177
		Birch Ave., Glens Falls, N.Y.	
Greenblatt, Robert Benjamin	Med. 5	2066 Marlowe Ave., Montreal	EL 0464
Greenspoon, Henry E	Arch. 4	774 Bloomfield Ave., Montreal	AT 6707
Gregoire, Conrad Ludger	Com. 2	3667 Jeanne Mance St., Montreal	HA 5427
		69 Queen St., Sherbrooke, Que.	
Gregory, Ruth Hope	B.A. 2	Royal Victoria College, Montreal	MA 9177
		2721 McCallum Ave., Regina, Sask.	
Gregson, Roland Houghton	Com. 1	819 Dollard Ave., Outremont, Que.	AT 2517
Greig, Margaret Elizabeth	Grad. Sch.	1433 Crescent St., Montreal	PL 8050
		Valleyfield, Que.	
Grier, Andrew David	B.A. 2	1444 Redpath Crescent, Montreal	PL 5390
Grier, Thornton D.	B.A. 1	3075 Cedar Ave., Montreal	FI 6942
Grieve, Arthur Douglas	Grad. Sch	Apt. 30, 2007 Mansfield St., Montreal.	MA 9284
		R. I. Wilton Grove, Ontario.	
Griffith, Wilberforce	Med. 4	2070 Mansfield St., Montreal	MA 2698
		134 W. 117th St., New York City.	
Griffiths, Harry Ercel	Com. 3	Apt. 5, 1487 Mountain St., Montreal.	MA 8727
Grigg, Arthur Phillips	Med. 2	545 Pine Ave. W., Montreal	MA 1545
		325 N. Fayette St. Saginaw, Mich.	
Grimes-Graeme, Arthur D. C.	Com. 2	Strathcona Hall, Montreal	LA 1567
		155 East 73rd St., New York City.	
Grimes-Graeme, R. C. H.	Grad. Sch	772 Sherbrooke St. W., Montreal	LA 1567
		155 East 73rd St., New York City.	
Grindley, Ethel Margaret	B.A. 2	474 Grosvenor Ave., Westmount, Que.	WE 6218
Grindley, William Edward	Com. 2	474 Grosvenor Ave., Westmount, Que.	WE 6218
Grisdale, Simpson V	Eng. 1	3434 McTavish St., Montreal	PL 6773
		Experimental Farm, Ottawa, Ont.	
Grubert, Mary	Law P	5355 Durocher Ave., Outremont, Que.	CR 2746
Guadagni, Frank Louis	B.Sc. 1	3534 Marlowe Ave., Montreal	
Guilboard, Thomas Ivan	Arts P	4285 Hampton Ave., Montreal	WA 6107
Gunn, William Donald	Med. 4	1198 Seymour Ave., Montreal	WI 4846
		401, 5th St., New Westminster, B.C.	
Gunning, Merle Percy	Eng. 1	212 Pine Ave., St. Lambert, Que.	StL 1238W
Gurd, Fraser Newman	B.A. 2	3180 Westmount Blvd., Westmount, Que.	FI 3855
Gurd, George W.	Grad. Sch	Apt. 30, 2007 Mansfield St., Montreal.	MA 9284
		187 Elmwood Ave., London, Ont.	
Gurvitch, Samuel M.	Med. 5	259 St. Viateur St. W., Montreal	CR 4978

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Gustafson, Carl J.	Theol. 1	3506 University St., Montreal Waterville, Que.	MA 2055
Guy, Mary Elizabeth	B.A. 2	6196 Notre Dame de Grace Ave., N.D.G., Montreal	WA 2231
Hackett, Florence Knight	B.A. 1	697 Victoria Ave., Westmount, Que.	EL 3917
Hadwin, Mildred Jean	B.A. 1	112 Birch Ave., St. Lambert, Que.	StL 47
Haeberlin, Jr., John B	Med. 2	3504 Park Ave., Montreal 7136 Princeton Ave., Chicago, Ill.	HA 6607
Haffner, Kenneth Ernest	Eng. 4	3434 McTavish St., Montreal 71 Westgate, Winnipeg, Man.	PL 6773
Hagerty, Edward Daniel	Med. 1	3559 University St., Montreal 7 Broad St., Nashua, N.H.	MA 4418
Hahman, Paul Theodore	Med. 1	522 Prince Arthur St. W., Montreal 718 McDonald Ave., Santa Rosa, Calif.	HA 7437
Hale, Henrietta Nancy	Arts P	3193 Westmount Blvd., Montreal	FI 6548
Halet, Robert A. F	Grad. Sch	Apt. 25, 456 Pine Ave. W., Montreal	LA 2696
Haley, Robert Burton	B.A. 1	20 Stirling Ave., Montreal	AT 3455
Hall, Clifton L	Grad. Sch	Lachute, Que	
Hall, G	Theol. 1	3473 University St., Montreal	MA 4902
*Hall, George Wanklyn	Law 1	2131 Wellington St., Montreal	WI 8057
Hall, Gwendolyn Adelaide	B.A. 2	Apt. 12, 570 Milton St., Montreal	MA 7419
Hallett, Robert Bruce	B.A. 2	3506 University St., Montreal 9 Romilly Road, Canton, Cardiff, S. Wales.	MA 2055
Hallonquist, E. G	Grad. Sch	3495 Hutchison St., Montreal 1021, 8th Ave. N., Westminster, B.C.	PL 6925
Halpenny, Gerald Winter	Med. 3	484 Prince Arthur W., Montreal	MA 8761
Halpenny, Gwendolyn May	B.A. 3	484 Prince Arthur W., Montreal	MA 8761
Halperin, David	B.Sc. 3	4652 St. Urbain St., Montreal	PL 3966
Halperin, Harry Joseph	Com. 4	4652 St. Urbain St., Montreal	PL 3966
Hamel, Jules	Dent. 4	3327 Maplewood Ave., Montreal 8 D'Aiguillon, Quebec, Que.	EL 3570
Hamilton, Agnes	Com. 1	640 Stuart Ave., Montreal	AT 2596
Hamilton, Betty	B.A. 1	3461 Connaught Ave., Montreal	WA 6429
Hamilton, Douglas Vennor	B.Sc. 3	445 Mount Pleasant Ave., Westmount, Que.	FI 8905
Hamilton, Eric Lyon	Com. 2	6 Winchester Ave., Westmount, Que.	DE 1259
Hamilton, George H	Grad. Sch	Hanover, Ont.	
Hamilton, James Stewart	Med. 1	26 Edgehill Road, Westmount, Que.	WE 2293
Hamilton, Janet	B.A. 1	26 Edgehill Road, Westmount, Que.	WE 2293
Hamilton, Katherine	B.A. 1	Royal Victoria College, Montreal 49 Elm St., Potsdam, N.Y.	MA 9177
Hamilton, Mary Virginia	B.A. 1	26 Edgehill Road, Westmount, Que.	WE 2293
Hamilton, Robert Alexander	B.A. 3	17 Source Road, Strathmore, Que.	Lch 511, R. 2
Hamilton, Robert Morris	B.A. 2	23, 19th Ave., Lachine, Que.	Lch 327F
Hamilton, Sydney Rena	B.Sc. 2	Apt. 42, 1064 Bernard Ave., Montreal	AT 1958
Hammond, George Carvel	Com. 3	3429 Peel St., Montreal 20 Portland Ave., Sherbrooke, Que.	PL 7385
Hammond, Herbert Carlyle	Com. 2	394 Roslyn Ave., Westmount 1045 Belmont Ave., Victoria, B.C.	WE 4593
Hampton, William F	Grad. Sch	1235 Crescent St., Montreal Mundy Pond Rd., St. John's, Nfld.	MA 8203
Hanbury, Bruce Alexander	Com. 4	3647 University St., Montreal 1877 W. 14th, Vancouver, B.C.	MA 2806
Hand, Charles Wilfrid	Arts P	1022 Sherbrooke St. W., Montreal 130 S. College Ave., Sarnia, Ont.	PL 6482
Hankin, Edmond Alfred	Eng. 2	648 Murray Hill, Westmount, Que.	WE 6442
Hankin, Mary E	B.A. 3	648 Murray Hill, Westmount, Que.	WE 6442
Hanley, James Thomas	Med. 1	2039 University St., Apt. 29, Montreal 455 Washington St., Freeland, Pa.	MA 0219
Hanna, Alexa Elizabeth	B.Sc. 1	350 Lansdowne Ave., Westmount, Que	WE 1454
Hanson, A. George	Med. 2	545 Pine Ave. W., Montreal Enumclaw, Washington.	MA 1545

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Harbert, Richard G. M	B.Sc. 2	3772 Marlowe Ave., Montreal	WA 0452M
Harcourt, E	Arts. P	Apt. 26, "The Mansions," Guy St., Montreal	FI 3367
		Clonkirk House, Clones, Ireland.	
Harkins, Michael Joseph	Med. 5	539 Pine Ave. W., Montreal	MA 7818
		28 Union St., Lennston, Me.	
Harkness, James	Med. 1	301 Sherbrooke St., Lachine, Que	Lch1820W
Harrigan, Fred	Eng. 3	252 Pine Ave., Montreal	HA 3889
		73 North St., Houlton, Me.	
Harrington, Anne Louise	B.Sc. 3	Ste. Anne de Bellevue, Que	
Harrington, Conrad F	B.A. 3	447 Elm Ave., Westmount, Que	FI 7729
Harrington, John Metcalf	B.Sc. 1	3555 Joseph St., Verdun, Que	YO 1933
		College Green, Baie D'Urfe, Que.	
Harrington, Margaret E	B.A. 4	c/o Mr. J. H. Harrington, 3555 Joseph St., Verdun, Que	YO 1933
		Ste. Anne de Bellevue, Que.	
Harris, Abe Albert	B.Sc. 1	5144 St. Urbain St., Montreal	CR 6768
Harris, Alfred N	Eng. 3	4429 Earnscliffe Ave., Montreal	EL 2642
Harris, Harry H	Law 2	Apt. 72, 3515 Durocher St., Montreal	MA 6756
Harris, Herman Leander	Dent. 2	2238 Old Orchard Ave., N.D.G., Montreal	HA 0965
		Barton, Digby Co., N.S.	
Harris, Julie Jack	Grad. P	Apt. 72, 3515 Durocher St., Montreal	MA 6756
Harris, Winifred Marion	B.A. 4	Royal Victoria College, Montreal	MA 9177
		1902 Matthews Ave., Vancouver, B.C.	
Harrison, David George	Eng. 2	3637 University St., Montreal	MA 1824
		1974 Cedar Crescent, Vancouver, B.C.	
Harrison, Joseph Horace	Com. 1	772 Sherbrooke St. W., Montreal	LA 1567
		305 Grande Allée, Quebec, Que.	
Harrison, Robert Preston	Com. 1	60 Pine Ave., St. Lambert, Que	StL 812
Harrison, Ronald D	Eng. 2	48 Dufferin Road, Hampstead, Montreal	EL 4627
Harrison, Sybil Mary	B.Sc. 2	380 Beatty Ave., Verdun, Que	YO 3143
Hart, Alma Ruth	B.A. 3	600 Argyle Ave., Montreal	WE 1979
Hart, Herbert Trench	Eng. 4	3592 University St., Montreal	MA 4479
		c/o Manton & Hart, Kingston, Jamaica, B.W.I.	
Hart, Isidor Raymond	B.A. 4	4849 Hutchison St., Montreal	DO 6765
Hart, Wilbur James	B.A. 2	1498 Sherbrooke St. W., Montreal	FI 1732
Hart, William Robert	Com. 3	62 Forden Crescent, Westmount, Que.	WE 1930
Hartley, Alfred John	Com. 3	1176 Sherbrooke St. W., Montreal	MA 1447
		430 St. Patrick's St., Victoria, B.C.	
Hartley, Edith Frances	B.Sc. 3	1176 Sherbrooke St. W., Montreal	MA 1447
		430 St. Patrick's St., Victoria, B.C.	
Hartsough, Christopher Wm	Med. 2	3478 McTavish St., Montreal	PL 7412
		2729 Fourth Ave., San Diego, Calif.	
Harvey, Beatrice E. M	Com. 3	354 Oliver Ave., Westmount, Que.	FI 8954
Harvey, Fred Charles	Med. 1	522 Pine Ave. W., Montreal	HA 7437
		318, W. 18th Ave., Spokane, Wash.	
Harvey, James C	Com. 3	3605 University St., Montreal	MA 3101
		Niagara-on-the-Lake, Ont.	
Harvey-Jellie, Doreen Joyce	B.A. 4	378 Wood Ave., Westmount, Que.	FI 7351
Harvie, Jean Elizabeth	B.A. 1	633 Cote St. Antoine Road, Montreal	WE 5024
Harwood, Robert U	Grad. Sch	21 Prospect St., Montreal	WE6851J
Haslam, Lewis Charles	Med. 2	5002 Grosvenor Ave., Westmount, Que.	EL 5546
		Springfield, P.E.I.	
Haslam, Robert N	Grad. Sch	3540 Hutchison St., Montreal	HA 7718
		Emmanuel College, Saskatoon, Sask.	
Hasler, William Julian	B.A. 2	Strathcona Hall, Montreal	LA 1567
		Larkhill, Tetbury, Glos.	
Hastings, James A. C	B.Sc. 2	2007 Mansfield St., Apt. 29, Montreal.	PL 9629
		Schreiber, Ont.	
Hatfield, Bryce Sutcliffe Higbee	Eng. 3	3511 Lorne Ave., Montreal	MA 9846
		Wolfville, N.S.	
Haughton, Thomas Joseph	Med. 2	3457 Shuter St., Montreal	MA 6446
		Vankleek Hill, Ont.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Hawthorne, John J	Med. 2	3723 Jeanne Mance St., Montreal	HA 3346
		3039 East First, Long Beach, Calif.	
Hay, Margaret Russel	B.A. 3	Royal Victoria College, Montreal	MA 9177
		101 Park Ave., Quebec, Que.	
Hayes, Saul	Law 3	7 Winchester Ave., Montreal	EL 8076
Hayward, Joyce Ethel	B.A. 1	3437 King Edward Ave., Montreal	WA 0302
Healy, Peter John	Com. 2	2327 Wilson Ave., Montreal	WA 5794
Heaman, John Dunlop	Eng. 3	3433 Peel St., Montreal	PL 2073
		400e Jefferson Ave., Detroit, Mich.	
Heard, Jack F	Grad. Sch	260 Pine Ave. W., Montreal	
		38 Gonthwick St., St. Thomas, Ont.	
Hearne, Edna M	Grad. Sch	2331 Regent Ave., Montreal	EL 8548
		Burford, Ont.	
Heavysege, Bruce Reid	Eng. 3	330a St. Joseph St., Lachine, Que	Lch 700W
Hecht, Sol. S	Com. 4	137 Villeneuve St. W., Montreal	DO 2236
Hedley, Cuthbert Edward	B.Sc. 3	769 Riverview Ave., Verdun, Que	
Heelan, William Patrick	B.Sc. 1	4182 Marcil Ave., Montreal	WA 4070
Heidman, Carl Ludwig	Eng. 1	Room 301 Central Y.M.C.A., Montreal	MA 8331
		1189 Wellington St., Ottawa, Ont.	
Held, Irene Sylvia	B.A. 4	460 Wiseman Ave., Montreal	AT 3933
Heller, Benjamin Percy	Med. 5	32 Joyce Ave., Outremont, Que	AT 7512W
Hendelman, Jack	B.A. 1	508 Bloomfield Ave., Outremont, Que	AT 3371F
Henderson, Jessie M	B.A. 4	Mount Royal Park, Montreal	PL 1932
Henderson, John V	Arts P	Mount Royal Park, Montreal	PL 1932
Henderson, Marion Grant	B.A. 2	3746 Cote des Neiges Road, Montreal	FI 0860
Henderson, Peggy Calder	Com. 1	3746 Cote des Neiges Road, Montreal	FI 0860
Henderson, Rowland	B.A. 3	51, 17th Ave., Lachine, Que	Lch 13
Hendery, Helen Church	B.A. 3, Soc.W. 2	4670 Grosvenor Ave., Montreal	EL 4066
Henniger, Charles F	Eng. 4	Apt. 12, 2019 Stanley St., Montreal	PL 9848
		Smith's Falls, Ont.	
Henniger, James Perry	Eng. 2	Apt. 12, 2019 Stanley St., Montreal	PL 9848
		Smith's Falls, Ont.	
Henrie, Charles Clement	Med. 2	539 Pine Ave. W., Montreal	MA 7818
		Xenia, Ohio.	
Henry, Arthur Monroe	Arts P	5255 Trans Island Ave., Montreal	EL 5907
Henry, Doris Olive	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
		Suite 2, Algonquin Apt., Edmonton, Alta.	
Henry, Edward Turriff	Grad. P	Apt. 4, 3628 Lorne Crescent, Montreal	
		Lennoxville, Que.	
Henry, Margaret Elaine	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
		2218 Osler St., Regina, Sask.	
Henwood, Robert White	Eng. 3	3478 McTavish St., Montreal	PL 7412
		113 St. Clair Ave. W., Toronto, Ont.	
Herman, Harry	Law 2	5700 Clarke St., Montreal	CR 6489
Herman, Michael Charles	Law 3	236 St. Joseph Blvd. W., Montreal	DO 1750
Herschorn, Lottie R	Grad. Sch	4863 Victoria Ave., Montreal	DE 2326
Hersh, Julius	Med. 4	4615 Park Ave., Montreal	BE 4713F
Hershman, Fayge	B.Sc. 3	Apt. 10, 257 Villeneuve St. W., Montreal	DO 5712
Hetherington, Elizabeth M	Grad. P	3642 Lorne Crescent, Montreal	MA 7991
		Perth, N.B.	
Heuser, Heinrich Karl-Maria	B.A. 4	3433 Peel St., Montreal	PL 2073
		Hawkesbury, Ont.	
Hewett, W. H	Theol. 1	3473 University St. Montreal	MA 4902
Hickey, Charles Hunt	Com. 2	131 Ballantyne Ave., Montreal West, Que	WA 0941
Hickey, Eleanor Manning	B.A. 1	154 Wolseley Ave., Montreal West, Que.	WA 3491
Hickey, Malcolm Allan	Med. 3	131 Ballantyne Ave., Montreal West, Que	WA 0941
Hicks, Frederick George	Med. 3	539 Pine Ave. W., Montreal	MA 7818
		1116 Bruce Ave., Windsor, Ont.	
Hicks, Henry Brodie	Eng. 2	4410 St. Catherine St., Montreal	WE 9604
Higgerty, Mary Victoria	B.A. 2	548 Prince Arthur Ave., Montreal	MA 7845
		105 Waverley St., Ottawa, Ont.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL NO.
Higgins, Alton R	Med. 5	2100 Marlowe Ave., N.D.G., Montreal	WA 5620–
		780 Main St., Lewiston, Me.	Local 27
Higgins, Edward O'Neil	Com. 2	3647 University St., Montreal	MA 2806
		Prescott, Ont.	
Hill, Allison Kincade	Med. 3	3534 University St., Montreal	MA 3448
		295 French St., Bangor, Me.	
Hill, Margaret Louise	B.A. 2	2257 Clifton Ave., Montreal	WA 3822
Hill, Olive Mary	Grad. Sch	297 Beatty Ave., Verdun, Que	YO 9067
Hill, Walter Henry Philip	Med. 3	1445 Mackay St., Montreal	PL 2823
Hilliard, William Dodds	B.A. 3	1483 Atwater Ave., Montreal	WI 2017
Hingston, Andrea Aileen	B.A. 2	1000 Sherbrooke St. W., Montreal	LA 0379
Hitchins, Robert Emery	Med. 1	375 Prince Arthur St. W., Montreal	HA 1941
		Frostburg, Md.	
Hobbs, Constance A	B.A. 3	578 Blvd. Desaulniers, St. Lambert, Que.	StL 555
Hobbs, Frederick Sidney	Med. 5	3419 University St., Montreal	MA 3089
		301, 38th Ave. S.W., Calgary, Alta.	
Hodgins, Sidney Borden	Com. 3	4467 Melrose Ave., Montreal	EL 2741
		Shawville, Que.	
Hogan, James J	B.Sc. 3	2395 Wellington St., Montreal	YO 0635
Hogle, John R	Med. 4	539 Pine Ave. W., Montreal	MA 7818
		403 West Liberty St., Ann Arbor, Mich.	
Hogue, André Joseph	Eng. 1	367 Querbes Ave., Outremont, Que	AT 7126M
Hogue, Lawrence Joseph	B.Sc. 1	388 Sherbrooke St. W., Montreal	PL 0707
		11 Glenwood Ave., Pittsfield, Mass.	
Holbrook, David Brewer	Med. 2	7 Weredale Park, Montreal	FI 9621
		Harding Court, Forest Hills, L.I., N.Y.	
Holcomb, Robert K	Grad. Sch	Chemistry Bldg., McGill University, Montreal	MA 9181
Holland, Eleanor I	Grad. P	5020 Victoria Ave., Westmount, Que.	EL 6387
Holland, Hugo Raymond	Eng. 3	3433 Peel St., Montreal	PL 2073
		101½ Christina St., Sarnia, Ont.	
Holland, Trevor Clive	Eng. 4	3749 Westmount Blvd., Westmount, Que.	WE 1744
Holleran, John Henry	Med. 5	2100 Marlowe Ave., N.D.G., Montreal	WA 5620
		97 Heathcote St., Roslindale, Mass.	
Holliday, E. Patricia	B.Sc. 2	580 Grosvenor Ave., Westmount, Que.	DE 4590
Hollingsworth, H. Lee B	Com. 4	772 Sherbrooke St. W., Montreal	LA 1567
		105 Cambridge St., Ottawa, Ont.	
Honeyman, Charles K. G.	B.Sc. 2	3506 University St., Montreal	MA 2055
		222 Third Ave., Ottawa, Ont.	
Hope, Edward James	Com. 1	648 Sherbrooke St. W., Montreal	PL 9998
		Hatley Park, Victoria, B.C.	
Hope, Ruth A. M	Phys. Ed. 1	4328 Montrose Ave., Montreal	WE 3559
Hopkins, Henry Perkins	Med. 5	640 Prince Arthur St. W., Montreal	MA 9531
		Greenfield, N.H.	
Horn, Samuel Quallett M	Com. 1	17 Highland Ave., Montreal	FI 7172
Horne, Robert Maitland	B.A. 4	3592 University St., Montreal	MA 4474
		Beaver St., Summerside, P.E.I.	
Horner, Howden Richard	B.Sc. 1	3993 Montrose Ave., Montreal	FI 2161
Horner, Muriel	Music	Royal Victoria College, Montreal	MA 9177
		54 Dufferin St., Granby, P.Q.	
Horowitz, Martin	B.Sc. 1	5245 St. Urbain St., Montreal	CR 9761
Horsfall, Frank Lappin	Med. 5	640 Prince Arthur W., Montreal	MA 9531
		403, 18th N., Seattle, Wash.	
Horwitz, Sidney	B.A. 2	652 Murray Hill, Westmount, Que.	WE 7205
Hough, Ayton Lloyd	Eng. 3	Apt. 10, 3484 Shuter St., Montreal	MA 9961
Hough, Earl K	Med. 3	3547 Jeanne Mance St., Montreal	LA 8965
		Outlook, Sask.	
Hough, Perry Tyler	Med. 5	5961 Cote St. Antoine Road, Montreal	WA 8814
		179 Beacon St., Hartford, Conn.	
Houghton, John Ruse	Eng. 1	730 Upper Belmont Ave., Westmount, Que.	EL 3111

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Houghton, Thomas Walter	Eng. 4	730 Upper Belmont Ave., Westmount, Que.	EL 3111
House, Kenneth Wm	Theol. 2	3485 McTavish St., Montreal	PL 1649
		Brooklyn, N.Y.	
How, E. Lorraine	B.A. 3	3593 Marlowe Ave., Montreal	WA 5728
Howard, Alma Clavering	B.Sc. 2	655 Grosvenor Ave., Westmount, Que.	EL 2587
Howard, Harvey	Med. 5	3485 McTavish St., Montreal	PL 1649
		Freeport, Me.	
Howard, R. Palmer	B.A. 4	630 Clarke Ave., Westmount, Que	WE 9111
Howard, Thomas Palmer	Law 1	3261 Cedar Ave., Montreal	WE 5530
Howe, Bernice Lillian	Phys. Ed. 1	4991 Grosvenor Ave., Montreal	WA 9684
Howe, Hazel Mae	Com. 4	4991 Grosvenor Ave., Montreal	WA 9684
Howell, Chesley T	Arts P., Theol. 1	3506 University St., Montreal	MA 2055
		Carbonear, Newfoundland.	
Howes, Helen Claire	B.A. 2	71 Oak Ave., St. Lambert, Que	StL 1210J
Howie, Mabel Frances	B.Sc. 4	3590 St. Famille St., Montreal	MA 1790
		Pike River, Que.	
Howie, Ruth Joyce	B.A. 3	3590 St. Famille St., Montreal	MA 1790
		Pike River, Que.	
Howland, Frances	Grad. Sch	2007 Mansfield St., Montreal	LA 5073
		Athens, N.Y.	
Howlett, John Gerard	Med. 4	545 Pine Ave. W., Montreal	MA 1545
		64 Prescott St., St. Johns, Nfld.	
Hudson, Percival Argue	Med. 1	3635 St. Urbain St., Montreal	PL 2496
Hudson, Ray Marjorie	Com. 2	4488 St. Catherine St., Montreal	WE 8717
Hulbig, William John	B.A. 1	3811 Grey Ave., Montreal.	DE 3701
Hull, Carlos A	B.A. 1	388 Oxford Ave., Montreal	EL 5594
Hunter, Gerald F. H	Grad. Sch	Apt. 11, 2521 Maplewood Ave., Montreal.	AT 0193J
Huot, Rita Azilda	B.A. 1	Apt. 49, 3661 St. Famille St., Montreal	HA 7736
		Hawkesbury, Ont.	
Hurd, Allan Campbell	Med. 3	3419 University St., Montreal	MA 3089
		28 Fairview Terrace, White River Jct., Vt.	
Hurkett, Donna Eulie	B.A. 2	382 Claremont Ave., Westmount, Que.	WE 7299W
Hurry, Elizabeth	B.A. 2	4874 Westmount Ave., Westmount, Que.	DE 3627
Hurst, Donald Geoffrey	B.Sc. 3	3506 University St., Montreal	MA 2055
		Buckingham, Que.	
Huskins, Eunice Olive	B.A. 2	Apt. 85, 3525 Durocher St., Montreal	LA 1338
Hutchins, John Anderson	Law 1	23 Windsor Ave., Westmount, Que.	WE 2602
Hutchison, Wm. Burke	Med. 1	640 Prince Arthur St. W., Montreal	MA 9531
		6102 Keppler Ave., Seattle, Wash.	
Hutchison, Alfred William	Eng. 4	1001 Sherbrooke St. W., Montreal	PL 6978
		136 St. Cyrille St., Quebec, Que.	
Hutchison, William Harper	Eng. 3	26 Aberdeen Ave., Westmount, Que.	WE 3078
Hutchison, William Leslie	Eng. 2	3454 Peel St., Montreal	PL 1674
		492 Driveway W., Ottawa, Ont.	
Hyams, Isadore	B.Sc. 2	Apt. 9, 417 St. Joseph Blvd. W., Montreal	DO 6318
Ignatieff, Leonide	B.A. 4	12 Macdonald Apts., 1251 Sherbrooke St. W., Montreal	WA 4421W
Illsey, Eloise Helen	B.A. 4	4655 Grosvenor Ave., Montreal	EL 1977
Ingham, Jason Harold	Eng. 2	4034 Dorchester St. W., Montreal	FI 0768
Innes, Edward P. M	Eng. 2	3605 University St., Montreal	MA 3101
		Simcoe, Ont.	
Ireland, Margaret	B.A. 2	58 Ainslie Road, Montreal West, Que.	WA 0908
Irvin, Basil Dion	Eng. 1	519 Drummond Court, Montreal	MA 4047
		88 Strand St., Capetown, South Africa.	
Irving, Margaret Lillian	Arts P	Apt. 27, 1551 St. Mark St., Montreal	FI 4571
Irwin, Nora Frances	B.A. 1	461 Merton Ave., St. Lambert, Que.	StL. 609
Isaacs, H. Ruth	B.A. 3	4059 Dorchester St. W., Montreal	FI 9969
		21 Orange St., Saint John, N.B.	
Isherwood, Alice Ethelwynne	B.A. 3	Royal Victoria College, Montreal	MA 9177
		104 W. John St., Bay City, Mich.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Ittkin, Paul	Med. 4	5921 Clarke St., Montreal	CR 1835
Ives, Margaret Etta	B.A. 3	548 Prince Arthur W., Montreal	MA 7845
		402 Fifth Ave. S., Lethbridge, Alta.	
Jackman, Gerrard Joseph	Com. 4	4545 La Salle Blvd., Verdun, Que.	YO 4107
		45 Springdale St., St. Johns, Nfld.	
Jackson, Grace Irene	Lib. Sch	Apt. 16, 2084 Claremont Ave., Westmount, Que.	WE 6850J
		88 London St., Sherbrooke, Que.	
Jackson, Naomi Adair	B.A. 3	35 Campbell Avenue, Montreal West, Que.	WA 0940
Jacob, Donald Richard	Med. 3	3419 University St., Montreal	MA 3089
		South China, Me.	
Jacobs, Dorothy	Law 3	4278 Sherbrooke St. W., Westmount, Que.	FI 1647
Jaderholm, H. W.	Grad. Sch	650 Sherbrooke St. W., Montreal	
James, Benjamin P	B.Sc. 3	2054 Mansfield St., Montreal	LA 5528
		1820 Third Ave., Watervliet, N.Y.	
Janikun, Seymour Lawrence	B.A. 3	5422 Esplanade Ave., Montreal	CR 0793
Jeffrey, Margaret Alma	B.A. 4	5505 Queen Mary Road, Montreal	EL 6102
Jensen, John M	Theol	4713 Western Ave., Westmount, Que.	WE 6797
Joedicke, Carl George	Com. 1	234 Wolseley Ave., Montreal West	WA 4614
Johannsen, Alice Elizabeth	B.Sc. 2	4458 Western Ave., Westmount, Que.	WE 4019
Johnson, Alma Edna	B.A. 4	3537 Marlowe Ave., Montreal	WA 5683
Johnson, Arnold Livingstone	B.A. 1	463 Strathcona Ave., Westmount, Que.	WE 1530
Johnson, Gordon Hewlett	B.A. 4	4396 Western Ave., Westmount, Que.	WE 4050
Johnson, Irene Margaret	B.Sc. 2	Royal Victoria College, Montreal	MA 9177
		715 Prospect Ave., Calgary, Alta.	
Johnson, James Richard	Eng. 2	Strathcona Hall, Montreal	LA 1567
		Box 151, Revelstoke, B.C.	
Johnson, John S.	Grad. Sch	100, 44th Ave., Lachine, Que.	Lach 218
Johnson, Louis Godschall	B.Sc. 1	4 Chelsea Place, Montreal	FI 4154
Johnson, Nancy Alice	B.A. 4	3066 Trafalgar Ave., Montreal	FI 2975
Johnson, Robert E.	Grad. Sch	23 Campbell Ave., Montreal West, Que.	WA 1853
Johnson, Robert Ernest Lacey	Eng. 4	536 Grosvenor Ave., Westmount, Que.	WE 2868
Johnson, Walter Henry	B.Sc. 3	536 Grosvenor Ave., Westmount, Que.	We 2868
Johnston, Charles Douglas G.	Law 1	3478 McTavish St., Montreal	PL 7412
		12 Des Grisons St., Quebec, Que.	
Johnston, Clifford George	B.A. 1	United Theological College, Montreal.	MA 2055
		Cowansville, Que.	
Johnston, Herbert Charles	B.Sc. 2	134 Notre Dame Ave., St. Lambert, Que.	St.La 921
Johnston, Viola Margaret	Lib. Sch	Apt. 1, 3408 Northcliffe Ave., Montreal	WA 5380F
		1464 Commercial Dr., Vancouver, B.C.	
Johnston, Wilfrid James	Com. 2	73 Wolseley Ave., Montreal West, Que.	WA 1129
Johnstone, Alexandra Hope	B.A. 1	Apt. 15, 2055 Lincoln Ave., Montreal	WI 5843
Johnstone, Jean Pearl	B.Sc. 2	120 Easton Ave., Montreal West, Que.	WA 0415M
		Brinston, Ont.	
Jolley, Malcolm Porter	Eng. 3	3535 Jeanne Mance St., Montreal	MA 2941
Jones, Bruce Newport	Arch. 1	1022 Sherbrooke St. W., Montreal	PL 6482
		Montego Bay, Jamaica, B.W.I.	
Jones, Eleanor Hayner	B.A. 1	Royal Victoria College, Montreal	MA 9177
		7 Lansing Ave., Troy, N.Y.	
Jones, Eleanor Irene	B.A. 2	Royal Victoria College, Montreal	MA 9177
		Bedford, Que.	
Jones, Florence Helena	B.A. 2	3841 Wilson Ave., Montreal	EL 4171
Jones, Harrison S.	Music	47 Strathearn Ave., Montreal	WA 0047
Jones, Norman Henry	Med. 4	3506 University St., Montreal	MA 2055
		Cobden, Ont.	
Jones, Reginald Maurice	B. Sc. 4	111 Easton Avenue, Montreal West Que.	WA 7891W
Jones, Stewart Hayner	Med. 4	640 Prince Arthur St. W., Montreal.	MA 9531
		7 Lansing Ave., Troy, N.Y.	
Jones, Thaddeus Cloyd	Eng. 1	3456 Oxford Ave., Montreal	DE 3843

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Joseph, Henry	B.A. 2	3507 Mountain St., Montreal	PL 1766
Jost, George Barber	Eng. 4	3605 University St., Montreal	MA 3101
		261 Somerset St., Ottawa, Ont.	
Jotcham, William George R	Med. 2	4168 Oxford Ave., Montreal	WA 1709
Journet, Paul Lucien Marie	Eng. 1	4043 St. Andre St., Montreal	FR 1262
Judd, Ebert Ernest	B.A. 4, Med. 1	3506 University St., Montreal	MA 2055
		Waltham, Que.	
Judge, Mabel Estelle	Grad. Sch	Royal Victoria College, Montreal	MA 9177
		2812 West 19th St., Wilmington, Delaware.	
Jue, Gordon Jing	Eng. 4	670 Lagauchetiere St., Montreal	LA 0310
Juzenko, Carl Joseph	Eng. 1	226 Third Ave., Verdun, Que	YO 1474J
Kaine, Gerald	Med. 2	3454 Peel St., Montreal	PL 1674
		48 d'Artigny St., Quebec, Que.	
Kalinauski, Alphonse Charles	Med. 2	5850 Waverley St., Montreal, Que	CR 8139
		304 Washington St., Cambridge, Mass.	
Kane, John Timothy	B.Sc. 3	3592 University St., Montreal	MA 4479
		87 Front St., Binghampton, N.Y.	
Kaneb, George Dwight	Med. 1	515 Pine Ave., Montreal	LA 7654
		602 Grafton St., Worcester, Mass.	
Kaplan, Beatrice Marjorie	B.A. 4	5339 Duquette Ave., Montreal	WA 6819F
Kaplan, Florence R	Grad. Sch	4906 Queen Mary Road, Montreal	
Kaplan, Saul	Eng. 1	44 Nelson Ave., Outremont, Que	DO 5442
Katz, Eli	B.Sc. 1	4143 De Bullion St., Montreal	BE 6533W
Katz, Maurice H	Com. 2	4844 Esplanade Ave., Montreal	DO 8244
Katzman, John	Grad. Sch	3902 St. Urbain St., Montreal	PL 3076
Kaufman, Max Sidney	Law 1	724 Upper Belmont Ave., Westmount, Que.	EL 5010
Kaufmann, Mark Irving H	Med. 1	1547 Bishop St., Montreal	PL 8693
Kay, Alan Geoffrey	Eng. 3	8 St. George's Place, Westmount, Que.	EL 0318
Kay, Muriel G	Grad. Sch	4067 Hingston Ave., Montreal	WA 0463
Kazutow, John	Med. 2	3610 Lorne Crescent, Montreal	
		224 State St., Bangor, Me.	
Kearns, Alfred Gerald	B. Sc. 1	Apt. 10, 257 Milton St., Montreal	HA 0569
Keating, Bernard J	Grad. Sch	3529 Hutchison St., Montreal	
		16 Albion St., Amherst, N.S.	
Keeling, Margaret Helen	Grad. Nurse 1	3466 University St., Montreal	MA 2608
		13728, 102nd Ave., Edmonton, Alta.	
Keenan, Clifford	Com. 4	1015 Sherbrooke St. W., Montreal	PL 7641
		Sault Ste. Marie, Ont.	
Kelloway, Eli Clement	Arts P	3506 University St., Montreal	MA 2055
		Spout Cove, via Carbonear, Nfld.	
Kelly, George Nelson	Dent. 4	4187 Kensington Ave., Montreal	WA 6684
Kelsey, Ernest Starkey	Grad. Sch	125, 34th Ave., Lachine, Que	Lch 1843
		Huntingdon, Que.	
Kemball, Alfred Walter	B.A. 4	Apt. 29, 2007 Mansfield St., Montreal	PL 9629
		Timmins, Ont.	
Kennedy, Cecil	Theol. 2	3485 McTavish St., Montreal	PL 1649
		Box 601, Stellarton, N.S.	
Kennedy, George Lawrence	Med. 5	Y.M.C.A., Drummond St., Montreal	MA 8331
		Plaza Hotel, Minneapolis, Minnesota.	
Kenny, Elizabeth MacLaren	B.A. 2	Royal Victoria College, Montreal	MA 9177
		Buckingham, Que.	
Kenny, Thomas Ramsey	Eng. 1	Y.M.C.A., Drummond St., Montreal	MA 4171
		Buckingham, Que.	
Kent, Josephine Powers	Grad. Sch		
		76 North Pine Avenue, Albany, N.Y.	
Kerckhoff, Anton Philip	Med. 1	510 Pine Avenue, W., Montreal	HA 2970
		E. Puente Street, Covina, Calif.	
Kerr, Douglas Wadsworth	Com. 1	300 Broadway, Lachine, Que	Lach 376
Kerr, John Winston	B.A. 1	Diocesan College, Montreal	MA 4902
		2 Brompton Terrace, Philadelphia, England.	
Kerr, Robert Allen	Eng. 2	4765 St. Catherine St. E., Montreal	CL 0529
Kerry, Esther Wilson	B.A. 3	1374 Sherbrooke St. W., Montreal	PL 4305
Kerry, Frank George	Eng. 1	4633 Mance St., Montreal	BE 8693F

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Kersham, Jack	Med. 5	5210 Hutchison St., Outremont, Que.	CR 0970
Kessler, Charles W.	Grad. P	Route No. 1, Plattsburg, N.Y.	
Ketcham, John	Med. 2	640 Prince Arthur St. W., Montreal	MA 9531
		105 Newmarket Rd., Garden City, L.I.	
Keyfitz, Nathan	B.Sc. 2	3454 Addington Ave., Montreal	WA 4901
Khaner, Miriam	B.A. 4	5263 St. Urbain St., Montreal	CR 3619
Kidd, Everett Leonard	B.Sc. 1	2388 Rozel St., Montreal	YO 6669
Kierans, Thomas William	B.Sc. 1	3979 St. Antoine St., Montreal	WE 0888
Kiesenwetter, Theodore N.	Med. 5	Apt. 19, 3421 Durocher St., Montreal	
		170 Third St., Troy, N.Y.	
Kimball, George E.	Eng. 4	3068 Maplewood Ave., Apt. 2, Montreal	EL 3640
		12 Gloucester Apts., Winnipeg, Man.	
Kimpton, Geoffrey Holiday	Eng. 1	71 Birch Ave., St. Lambert, Que.	PL 2700
King, James Gordon	Eng. 4	1585 McGregor St., Montreal	FI 6484
King, Thomas Brown	Com. 1	1585 McGregor St., Montreal	FI 6484
Kingsland, John Ernest	B.Sc. 1	544 Lansdowne Ave., Westmount, Que.	WE 5158
Kingston, Edgar Lloyd	Eng. 2	2070 Mansfield St., Montreal	MA 2698
		Prescott, Ont.	
Kirby, Edward Gordon	Eng. 3	Apt. 8, 6889 Sherbrooke St. W., Montreal	WA 6824
		104 Strathcona Ave., Ottawa, Ont.	
Kircher, Paul	B.Sc. 1	234 Strathcona Ave., Montreal	WA 4563
Kirk, William Burnside	Com. 3	Apt. 7, 1260 Mackay St., Montreal	WI 8425
		Antigonish, N.S.	
Kirkley, Randolph	Eng. 1	1290 Bernard Ave. W., Montreal	AT 6722
Kirkpatrick, Harold B.	B.Sc. 2	3483 Peel St., Montreal	PL 3396
		93 Lansdowne Ave., Fredericton, N.B.	
Kirsch, Edward	B.A. 3	12 Windsor Ave., Westmount, Que.	DE 3298
Kirschberg, Leo Sanford	B.A. 1	372 Roslyn Ave., Westmount, Que.	WE 6459
Kivenko, Nathan Manuel	Law 1	3961 Clarke St., Montreal	BE 7035F
Klein, Aaron	Grad. P	5120 Westbury Ave., Montreal	DE 5342
Klein, Simon	Dent. 2	721 Wiseman Ave., Montreal	AT 3389
Kleinman, Hyman	Com. 1	4278 Henri Julien Ave., Montreal	BE 2223
Klineberg, Beatrice Annette	B.A. 2	4059 Dorchester St. W., Montreal	FI 9969
Kneen, Douglas	Com. 3	4038 Rosemount Blvd., Montreal	CL 0813F
Knowles, Frederick	Com. 3	Apt. 3, 354 St. Joseph Blvd. E., Montreal	BE 3167W
Koerber, Irene V.	Grad. Sch	2007 Mansfield St., Montreal	LA 5073
Kohos, Helene	B.A. 3	4330 Sherbrooke St. W., Montreal	FI 9353
Kolomeir, Samuel	B.A. 2	125 Mt. Royal Ave. W., Montreal	BE 3667J
Komarov, Simon A.	Grad. Sch	3626 Oxenden Ave., Montreal	HA 9331
Korenberg, Moe	B.Sc. 1	5491 St. Urbain St., Montreal	CR 2887
Kositsky, Abraham	Med. 5	Apt. 1, 609 Querbes Ave., Outremont, Que	DO 3157
Kosowatsky, Joseph Rafal	Med. 5	110 Villeneuve St. W., Montreal	BE 2435
Krakower, Cecil	Med. 5	5622 Jeanne Mance St., Montreal	CR 5787
Kravitz, Louis	Com. 1	4868 Jeanne Mance St., Montreal	DO 8379
Kritzwiser, Orville E.	Med. 4	545 Pine Ave. W., Montreal	MA 1545
		1317, 15th Ave., Regina, Sask.	
Kronick, Samuel Abraham	Com. 4	3508 Durocher St., Montreal	PL 8993
		327 Wilbrod St., Ottawa, Ont.	
Kruger, Irving	Dent. 4	5433 Jeanne Mance St., Montreal	CR 5806
Krukowski, Albert Charles	Med. 2	3457 Shuter St., Montreal	MA 6446
		21 Ferry Ave., Northampton, Mass.	
Kruming, Adolf O.	Grad. Sch	456 Pine Ave. W., Apt. 39, Montreal	
Kucharsky, Moses	Eng. 1	3642 City Hall Ave., Montreal	
Kugel, Jack	Arch. 1	5446 Duquette St., Montreal	WA 8875
Kutz, Russell L.	Grad. Sch	1832 Bayle St., Montreal	WI 0753
Kwauk, Stephen Singsung	Med. 5	772 Sherbrooke St. W., Montreal	LA 1567
		150 Changping Road, Shanghai, China.	
Labelle, Dorothy Eleanor	B.A. 3	5602 Hutchison St., Outremont, Que.	CR 7451
Labovitch, Isaac	Pharm	4013 St. Lawrence Blvd., Montreal	PL 3721
Lack, David Melvin	Law 3	232 St. Joseph Blvd. W., Montreal	DO 3717
Lacombe, Jean Louis	B.Sc. 1	2016 Sherbrooke St. E., Montreal	AM 9067
		21 Laurier Ave., Sherbrooke, Que.	

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
		Where two addresses are given, the second is the home address	
Lacoursiere, Arthur	Arch. 2	Apt. 10, 1235 Crescent St., Montreal.	HA 4581
		Vendome Hotel, Shawinigan Falls, Que.	
Lacy, Curtis Rogers	Med. 3	3419 University St., Montreal	MA 3089
		Freehold, N.Y.	
Ladd, Cornelia Child	Phys. Ed.	Royal Victoria College, Montreal	MA 9177
		Peru, N.Y.	
Laduke, Walter Edward	B.Sc. 1	80 Maple Ave., St. Lambert, Que.	StL 1231
Lafave, Wallace John	Med. 2	32 Courcelette Ave., Outremont, Que.	AT 0343
Lafleur, John Theodore	B.A. 3	3527 Ontario Ave., Montreal	PL 5946
Laing, John Alexander	Com. 3	3434 McTavish St., Montreal	PL 6773
		74 Norfolk St., Simcoe, Ont.	
Laird, Gretna Golden	Arts P	Apt. 18, 1280 Bernard Ave., Montreal.	At. 3158
Laird, Robert Peabody	B.Sc. 4	20 Anwoth Road, Westmount, Que.	WE 1253
Lake, Arthur Wilfred Lawson	B.A. 3	Apt. 3, 2036 City Councillors St., Montreal	HA 8857
		Vernon's Estate, Antigua, West Indies.	
L'Allier, Lucien	B.Sc. 1	3809 Dandurand Ave., Montreal	LA 7606
Lamb, Roland Thomas	Com. 1	Ste. Anne de Bellevue, Que.	St.Anne 18
Lambert, Percival John	B.A. 2	3506 University St., Montreal	MA 2055
		Skibbereen, Ireland.	
La Montagne, Louise	Arts P	1227 Sherbrooke St. W., Montreal	PL 6312
Lamoureux, Marcel	Eng. 4	6 Montée du Zouave, Montreal	
		St. Guillaume (Yamaska), Que.	
Lancey, Margaret Selkirk	B.A. 4	369 Metcalfe Ave., Westmount, Que.	FI 8425
		Hudson, Que.	
Lande, Harold Bernard	Law 2	39 Holton Ave., Montreal	FI 6723
Lane-Roberts, Arthur George	Com. 1	1028 Sherbrooke St. W., Montreal	LA 0734
		Cedar Cottage, Marlow, Bucks, England.	
Lang, C	Theol. 2	3473 University St., Montreal	MA 4902
		Charteris, Que.	
Lang, Abraham Isaac	Law 3	Apt. 5, 4900 Clark St., Montreal	BE 5486
Lang, Howard Jerome	Eng. 2	3578 University St., Montreal	MA 1074
		215 Blair Road, Galt, Ont.	
Langevin, Wilfrid	Law 1	3877 Gouin Blvd. W., Cartierville, Que.	BY 1193
Langlois, Remy	Dent. 4	1340 Dorchester St. W., Montreal	MA 7673
		124 Park Ave., Quebec, Que.	
Langstaff, Thomas Albert K.	Com. 4	3434 McTavish St., Montreal	PL 6773
		Kemptville, Ont.	
Lapin, Abraham	Dent. 3	5465 Esplanade Ave., Montreal	CR 4335
Lapin, Albert W	Med. 2	5835 Hutchison St., Montreal	CR 6486
Lapointe, Jules Theodore	Com. 2	6169 Durocher Ave., Montreal	DO 5993
La Prease, Ira Ellsworth	B.Sc. 2	Apt. 32, 5010 Sherbrooke St., Westmount, Que	WE 7888
Larin, Marc Antoine	B.Sc. 1	3456 Patricia Ave., Montreal	WA 0943
Lariviere, Arthur Emile	Grad. P	4853 Western Ave., Westmount, Que.	WE 7824
Lariviere, Marcel Gerard	B.Sc. 1	Weredale House, 6 Weredale Park, Montreal	FI 9621
		355 So. Union St., Burlington, Vt.	
Larminie, Greta Christine S.	B.A. 3	11 Springfield Ave., Westmount, Que.	WE 2712
Larocque, Gerard	Eng. 4	1441 Drummond St., Montreal	MA 4171–Local 311
		160 Sussex St., Ottawa, Ont.	
Larson, Charles Philip	Med. 1	2059 Peel St., Montreal	LA 0704
		Spokane, Wash.	
Latham, David Ainsworth	Med. 3	2059 Peel St., Montreal	LA 0704
		830 Princeton Blvd., Lowell, Mass.	
Latham, Ernest Hargreaves.	Med. 3	2059 Peel St., Montreal	LA 0704
		830 Princeton Blvd., Lowell, Mass.	
Latham, James A	Grad. P	1267 St. Mark St., Montreal	FI 5101
Lathe, Grant Henry	B.Sc. 2	Strathcona Hall, Montreal	LA 1567
		180 Cartier St., Ottawa, Ont.	
Lauder, Marion Alice	Grad. Nurs. 1.	477 Prince Albert Ave., Westmount, Que.	DE 4101
Laureys, John Francis	B.A. 2	592 Lansdowne Ave., Westmount, Que.	EL 2078
Laurie, Ernest Stuart	Eng. 3	653 Victoria Ave, Montreal	EL 1866

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Laurier, Mario	Law 1	1196 Visitation St., Montreal	CH 9155
Lavis, D. O	Theol. 3	3485 McTavish St., Montreal	PL 1649
		Whitby, Ont.	
Lavoie, Vincent Lawrence	Com. 2	230 Belfrage Road, Westmount	EL 3103
Lavut, Leo David	B.A. 3	288 Villeneuve St. W., Montreal	PL 2307
Law, David Alan	B.A. 1	3465 Stanley St., Montreal	UP 0621
Law, James Robert	Eng. 1	3434 McTavish St., Montreal	PL 6773
		190 Laurier Ave., Ottawa, Ont.	
Law, M. Fong	B.A. 3	117 Lagauchetiere St. W., Montreal	LA 2687
		901 Columbia St., New Westminster, B.C.	
Lawrence, Shirley Hayes	B.A. 3	Royal Victoria College, Montreal	MA 9177
		144 Watchung Ave., Plainfield, N.J.	
Lax, Barbara Ann	B.A. 2	3578 Shuter St., Montreal	MA 9918
		Scotstown, Que.	
Lazarus, Emily	B.A. 2	3562 Vendome Ave., Montreal	WA 0766W
Lea, William Chester	Eng. 4	3592 University St., Montreal	MA 4479
		Victoria, P.E.I.	
Leathem, Ronald MacFarland	B.A. 2	3071 Trafalgar Ave., Montreal	FI 0760
		490 Wilbrod St., Ottawa, Ont.	
LeBel, Harry W. S	B.Sc. 1	United Theological College, Montreal	MA 2055
		Namur, Que.	
LeBel, Louis Pierre	B.A. 2	3506 University St., Montreal	MA 2055
		Namur, Que.	
Leboldus, Michael W	Med. 4	751A Querbes Ave., Outremont, Que.	DO 1700
		Vibank, Sask.	
LeBrun, Joseph Gerard	Arts P	45 Walnut St., Claremont, N.H	
Lecky, William John	Eng. 4	3863 Cote des Neiges Road, Montreal	FI 8355
Le Claire, Gordon Mervyn	B.A. 3	2377 St. James St., Montreal	WI 0967
Ledingham, Eleanor Jean	Phys. Ed. 2	Royal Victoria College, Montreal	MA 9177
		170 Mount Pleasant Ave., Saint John, N.B.	
Lee, Albert Linus	Com. 1	103 Ballantyne Ave. N., Montreal West, Que	WA 0617
Lee, Priscilla	B.A. 2	160 Hickson Ave., St. Lambert, Que	StLa 525
Lee, Stephen Girard	Dent. 3	2000 McGill College Ave., Montreal	MA 0340
		55 Halsted St., East Orange, N.J.	
Lee, Wm. Louis Carleton	B.Sc. 1	1099 University St , Montreal	
Lees, David	Grad. Sch	Macdonald College, Que	St.Anne 87
Le Fort, Jean	B.Sc. 1	4280 St. Hubert St., Montreal	FR 6970
Le Grow, Charles Lloyd	Med. 3	3419 University St., Montreal	MA 3089
		Broad Cove, B. de V., Nfld.	
Le Grow, Walter H	B.A. 3	3506 University St., Montreal	MA 2055
		Broad Cove, Nfld.	
Leibovitch, David	B.Sc. 1	4063 Clarke St., Montreal	BE 0350
Leibovitz, Sylvia Josefo	B.A. 2	5718 Notre Dame de Grace Ave., Montreal	EL 4269
Leigh, Morton Digby	Med. 5	3501 Park Ave., Montreal	PL 7014
		202, 26th St., Saskatoon, Sask.	
Leimbach, John Herbert	Med. 1	510 Pine Ave. W., Montreal	HA 2790
		Isleton, Calif.	
Lennox, Robert	B.A. 2	2016 University St., Montreal	PL 0468
		481 Catherine St., Ottawa, Ont.	
Lent, Sylvester Mead	Med. 3	3671 Jeanne Mance St., Montreal	HA 8536
		Stanwick Road, Greenwich, Conn.	
Leonard, Maurice E	Med. 5	Apt. 312, 1455 Drummond, St., Montreal	MA 7873
		639 Buena Vista Ave., San Francisco, Calif.	
LePage, Inez M	Grad. Sch	475 Raglan Road, Winnipeg, Man	
Lerner, Esther Sylvia	B.A. 3	4598 St. Urbain St., Montreal	BE 6255
Leroux, Andre Georges	Com. 3	3686 St. Hubert Blvd., Montreal	HA 5461
Leslie, Chas. Wm	Law 3	4314 Montrose Ave., Montreal	WE 4025
Lessor, Edward	B.A. 4	6175 Durocher St., Montreal	DO 1380
Lessor, John Joseph	Arch. 1	6175 Durocher St., Montreal	DO 1380
Lester, Harold Good	Theol. 3	550 Ash Ave., Montreal	WI 3295
Letch, Edward Huson	B.Sc. 2	66 Oak Ave., St. Lambert, Que	StLa 889
Letch, Harry George	Eng. 4	66 Oak Ave., St. Lambert, Que	StLa 889

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Letendre, Gerard	Eng. 4	1022 Mount Royal Ave. E., Montreal	FR 7066
Letourneau, Rachel	Arts P	421 Argyle Ave., Westmount, Que.	We 0769
Levin, Arthur	B.A. 2	610 Belmont Ave., Westmount, Que.	WE 2847
Levin, Herman	B.A. 3	610 Belmont Ave., Westmount, Que.	WE 2847
Levine, Rachmiel	B.A. 4, Med. 1	504 Duluth St. E., Montreal	
		625 Oulette Ave., Windsor, Ont.	
Levitsky, Nathan A.	Grad. Sch	380 Edward Charles St., Montreal.	DO 3338
Levitt, Edith	B.A. 2	5681 Esplanade Ave., Montreal	CR 9665
Levitt, Jacob	B.Sc. 4	323 Grosvenor Ave., Westmount, Que.	
Levitzky, Philip	Med. 3	779 Outremont Ave., Outremont, Que.	AT 7219
Levy, Nathaniel Lewis	B.A. 4	488 Strathcona Ave., Montreal	WE 2256
Levy, Sidney H	B.A. 3	488 Strathcona Ave., Montreal	WE 2256
Lewandowsky, Bogdan	B.A. 2	4312 St. Catherine St. W., Montreal.	WE 0932J
Lewin, Byron Read	Med. 3	1196 Bishop St., Montreal	
		10 Pleasant, Hanover, N.H.	
Lewis, Alfred Hillel	Eng. 2	3507 University St., Montreal	PL 8709
		640 West 153rd St., New York City.	
Lewis, David	Law 1	4441 Clarke St., Montreal	Be 5450M
Lewis, Reuben	B.Sc. 4, Med. 1	4679 Esplanade Ave., Montreal	PL 1483
Ligget, T	Theol. 3	3473 University St., Montreal	MA 4902
		Ormstown, Que.	
Lilley, George Wood	B.Sc. 2	3592 University St., Montreal	MA 4479
		703 Edgemont Ave., Chester, Penna.	
Limerick, Jack M	Grad. Sch	3483 Peel St., Montreal	PL 3396
		240 St. John St., Fredericton, N.B.	
Lin, Cheng	Grad. Sch	189 Dorchester St. W., Montreal	
Lincoln, John Hobart	Com. 2	3506 University St., Montreal	PL 8193
		1921, 10½ Street W., Calgary, Alta.	
Lindsay, P. C	Theol. 2	3473 University St., Montreal	MA 4902
Lindsay, Victor Charles	Eng. 3	772 Sherbrooke St. W., Montreal	LA 1567
		Revelstoke, B.C.	
Lindsey, Ross Otto	Eng. 2	534 Clarke Ave., Westmount, Que.	WE 3119
Linton, Everett	Grad. Sch	Chemistry Building, McGill University, Montreal	MA 9181
		42 Sand Cove Rd., West St. John, N.B.	
Linton, Ralph Dale	Com. 3	3530 Belmore Ave., Montreal	WA 2974
Lippincott, Stuart Wellington	Med. 2	510 Pine Ave. W., Montreal	HA 2970
		4 Barnes Ave., Worcester, Mass.	
Lirot, Stephen Leo Robert	Med. 5	1441 Drummond St., Montreal	MA 4171
		28 Crown St., Meriden, Conn.	
Lister, William	Theol. 3	3506 University St., Montreal	MA 2055
		Cantley, Que.	
Little, S. C	Theol. 1	3473 University St., Montreal	MA 4902
Livingstone, Joyce Ashley	B. A. 1	Royal Victoria College, Montreal.	MA 9177
		17 Edgar Ave., Toronto, Ont.	
Livshitz, Manuel	B.Sc. 2	4464 Sherbrooke St. W., Montreal	WE 1976
Lloyd, David Caradoc Pierce	B.Sc. 4, Med. 1	3521 University St., Montreal	MA 1718
Lloyd, Robert Earnest	B.Sc. 3	59 Prospect St., Montreal	WE 6961
Lochhead, Donald Robert	B.Sc. 1	42, 10th Ave., Lachine, Que	Lach 337
Lochhead, John Stanley	B.Sc. 1	345 Ballantyne Ave., Montreal West, Que.	WA 1729
Lochhead, Kenneth Young	Eng. 4	42, 10th Ave., Lachine, Que	Lach 337
Locke, Julia Townsend	Arts P	Apt. 15, 1537 St. Matthew St., Montreal	WI 6534
		Lac Cornu P.O., Argenteuil Co., Que.	
Lockwood, Clarence Kingsley	Eng. 2	602 Cote St. Antoine Road, Westmount, Que.	WE 5507
Logan, James Charles	B.A. 3	3506 University St., Montreal	MA 2055
		Lachute, Que.	
London, Irving	Com. 1	4630 Jeanne Mance St., Montreal	PL 6463
Lonergan, Gerald Mark	Eng. 2	Buckingham, Que.	
Long, Lester Wells	Med. 2	3626 Lorne Crescent, Montreal	MA 1445
Longhurst, Rhoda Mills	B.A. 1	2183 Wilson Ave., Montreal	WA 7151J
		584 Annette St., Toronto, Ont.	
Loomis, Alexander P	Eng. 1	1694 Lincoln Ave., Montreal	FI 3143
Loomis, Gordon Bryant	Med. 3	522 Prince Arthur St. W., Montreal.	HA 7437
		159 Queen St., Sherbrooke, Que.	
Loomis, James Gordon Mann	Eng. 1	1694 Lincoln Ave., Montreal	FI 3143

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Loomis, Margaret	B.A. 1	Royal Victoria College, Montreal	MA 9177
		125 Scarboro Road, Toronto, Ont.	
Loucks, James Norman	Com. 4	4554 Oxford Ave., Montreal	EL 5462
Lovelace, Arthur Bourne,	Arts P	3506 University St., Montreal	MA 2055
		Greenspond, Nfld.	
Low, John Hatch	Dent. 4	3443 St. Famille St., Montreal	PL 5096
		Westport-on-Lake Champlain, N.Y.	
Luft, Raymond	Med. 3	3534 University St., Montreal	MA 3448
		Norwood, R.I.	
Luke, Allison Barker	Com. 1	41 Brock Ave. N., Montreal West, Que	WA 0710
Luke, Lewis Wm	Eng. 2	1170 Dorchester St. W., Montreal	MA 6933
Lunn, Alice Jean Elizabeth	B.A. 4	458 Argyle Ave., Westmount, Que	WE 1630
Lusby, George R	Grad. Sch	2007 Mansfield St., Apt. 26, Montreal.	
		11 Lawrence St., Amherst, N.S.	
Lusher, David William	B.A. 4	3812 Clarke St., Montreal	PL 6327
Lyman, Charles P	Eng. 3	4155 Cote des Neiges Rd., Montreal	FI 8024
Lynch, Herbert Cornelius	Med. 4	456 Pine Ave. W., Montreal	MA 3386
		Yakima, Wash.	
Lynch, John Gordon	Med. 5	3637 University St., Montreal	MA 1824
		Bell Island, Nfld.	
Lynch, Marjorie	B.A. 3	505 Victoria Ave., Westmount, Que.	WE 9197
Lynn, Joseph Henry	Arts P	3506 University St., Montreal	MA 2055
		40 Stratheden St., Belfast, N.I.	
Lyon, Harold Percy	B.Sc. 4, Med. 1	4102 Hingston Ave., Montreal	WA 6028
Lyons, John Charles	B.Sc. 1	457 Mount Pleasant Ave., Westmount, Que	FI 6133
Lyons, Walter	Grad. Sch	3666 Lorne Crescent, Montreal	PL 8901
		664W 161st St., New York City	
Lysons, Katharine Elizabeth	B.A. 2	28 Finchley Road, Hampstead, Montreal	EL 5064
Lytle, Nancy Patricia	B.A. 2	90, 34th Ave., Lachine, Que	Lach 353
Macalister, John Norman G	Arts P	1936 Lincoln Ave., Montreal	WI 3939
Macalister, Robt. Douglas G.	B.Sc. 1	1936 Lincoln Ave., Montreal	WI 3939
McAskill, Mary Everett	Grad. Nurse 1	3528 Jeanne Mance St., Montreal	LA 2755
		151 Main St., Glace Bay, N.S.	
McAuley, Mary Angela	B.A. 3	Royal Victoria College, Montreal	MA 9177
		1 Court House Square, Brockville, Ont.	
McBride, Eleanor Caroline	B.A. 4	638 Roslyn Ave., Westmount, Que.	EL 4064
McBride, Hazel Ethel	B.A. 1	3774 Wilson Ave., Montreal	WA 2569
MacBrien, James Ross	B.Sc. 2	3434 McTavish St., Montreal	PL 6773
		Aylmer, Que.	
McBroom, Walker Wilson	Eng. 2	5299 Mance St., Montreal	CR 1012
McBryer, Margaret Jean	B.A. 2	4640 Grosvenor Ave., Westmount, Que.	EL 3002
McCaffrey, Helen Katherine	B.A. 4	428 Metcalfe Ave., Westmount, Que.	WE 1956
MacCallum, Margaret Lillian	Grad. Nurse 1	2100 Marlowe Ave., Montreal	WA 5620
		Vankleek Hill, Ont.	
MacCarthy, Arthur Howard	Com. 1	3605 University St., Montreal	MA 3101
		41 Powell Ave., Ottawa, Ont.	
McCarthy, Stephen A	Lib. Sch	3531 Lorne Ave., Montreal	MA 3167
		Eden Valley, Minn.	
McCausland, William Alex	Med. 1	Apt. 3, 3500 Durocher St., Montreal	PL 9103
		123 Franklin St., Quincy, Mass.	
McCaw, Isabel Catherine	Arts P	Apt. 6, 4435 Sherbrooke St. W., Montreal	FI 9502
McClare, Dorothy Christine	Grad. Nurse 1	2060 McGill College Ave., Montreal	PL 0773
		Mt. Uniacke, Hants Co., N.S.	
McConnell, Georgina (Mrs.)	Soc. Workers 2	4652 Sherbrooke St. W., Westmount, Que.	EL 7570
McConnell, Wilson Griffith	Eng. 4	1475 Pine Ave., Montreal	PL 4050
McCooey, Daniel F	Med. 2	2066 Mansfield St., Montreal	LA 4701
		Dover, N.H.	
McCormick, Douglas Gurney	Com 3	3578 University St., Montreal	MA 1074
		18 Brant Road, N., Galt, Ont.	
McCormick, George Winford	Med. 2	650 Sherbrooke St. W., Montreal	LA 5661
		523 John St., Clayton, N.Y.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
McCormick, Paul Harding	Com. 4	3434 McTavish St., Montreal	PL 6773
		18 Brant Road N., Galt, Ont.	
Macorquodale, D. Fraser	B.A. 3	744 Roslyn Ave., Westmount, Que.	EL 2327
McCoy, Edwin Clarence	B.A. 2	3506 University St., Montreal	MA 2055
		Huntingdon, Que.	
McCoy, Richard Hall	Med. 1	97 Brock Ave. N., Montreal West, Que.	WA 1267
McCracken, Edward J	Grad. Sch.	1084 Drummond St., Montreal	PL 0637
McCrady, Donald Carman	B.Sc. 1	3469 Northcliffe Ave., Montreal	WA 4499
McCrimmon, Donald Ross	Med. 3	772 Sherbrooke St. W., Montreal	LA 1567
		Huntingdon, Que.	
McCuaig, Hugh Rykert	Com. 4	3481 Holton Ave., Montreal	FI 4221
McCuaig, Jean Mary	B.A. 1	16 Pagnuelo Ave., Outremont, Que.	AT 1654
McCuaig, Margaret C	B.A. 1	112 Cedar Ave., Pointe Claire, Que.	PtCl 456
MacCulloch, M. Margaret	B.Sc. 3	Royal Victoria College, Montreal	MA 9177
		Summerstown, Ont.	
McCullough, Harold Andrew	Eng. 1	772 Sherbrooke St. W., Montreal	LA 1567
		56 Queen St., Sherbrooke, Que.	
Macdonald, Aida Ranald	B.A. 3	3462 Shuter St., Montreal	MA 7669
Macdonald, Charles Edward	Com 2	Strathcona Hall, Montreal	LA 1567
		Hilton House, Inverness, Scotland.	
Macdonald, Elena Baird	B.A. 2	Royal Victoria College, Montreal	MA 9177
		1393 Rockland Ave., Victoria, B.C.	
MacDonald, Esther Naomi	B.A. 3	Royal Victoria College, Montreal	MA 9177
		20 Mountain St., Granby, Que.	
Macdonald, Gordon Seaforth	Arch. 2	Apt. 1, 3410 Atwater Ave., Montreal	WI 6771
		561 Esplanade, Sydney, N.S.	
MacDonald, Ida Eileen	Soc. Workers 2	4940 Cote des Neiges Road, Apt. 6, Montreal	EL 2733
McDonald, Jean	Music	Royal Victoria College, Montreal	MA 9177
		140 Dufferin St., Granby, Que.	
McDonald, Jean Le Maistre	B.A. 3	47 Windsor Ave., Westmount, Que.	EL 8877
MacDonald, Norman	Theol. 3	3485 McTavish St., Montreal	PL 1649
		Valtos, Skye, Scotland.	
McDonald, Philip Robb	Med. 3	47 Windsor Ave., Westmount, Que.	EL 8877
McDonnough, Phillip Nelson	Eng. 3	1001 Sherbrooke St. W., Montreal	PL 6978
		86 Manrese St., Quebec, Que.	
MacDougal, Arline	B.A. 1	Royal Victoria College, Montreal	MA 9177
		Elizabethtown, N.Y.	
McDougall, Errol Klock	B.A. 1	Apt. 7, 3489 Atwater Ave., Montreal.	WI 3203
MacDougall, Gordon H	B.A. 1	3534 Ontario Ave., Montreal	PL 6772
MacDougall, Margot	Arts P	3459 Drummond St., Montreal	PL 5489
McDougall, Mary Katherine	B.Sc. 1	Apt. 112, 1227 Sherbrooke St. W., Montreal	
McDougall, John Rankin	B.A. 1	Apt. 7, 3489 Atwater Ave., Montreal.	WI 3203
McDowell, Ida Catherine	Grad. Nurse 1	3542 Lorne Ave., Montreal	MA 6825
		1164 Gladstone Ave., Ottawa, Ont.	
McDunnough, Philip N	Eng. 3	1001 Sherbrooke St.W., Montreal	
		86 Maurese St., Quebec.	
McEntyre, John Gear	B.A. 2	4101 Sherbrooke St. W., Montreal	FI 9035
McEwen, Bennett Begg	Med. 5	1452 Union Ave., Montreal	LA 7742
		Maxville, Ont.	
McEwen, Nelson Franklin	B.A. 3	Apt. 2, 1515 Chomedy St., Montreal	WI 9052
McFarland, Frederick John	Com. 3	3581 University St., Montreal	PL 3842
		1014 Hillcrest Ave., Calgary, Alta.	
MacFarlane, Gordon Nelson	B.Sc. 4	287 de l'Epée Ave., Outremont, Que.	AT 1316
		18 Dufferin Ave., Chatham, Ont.	
MacFarlane, Marion Madeleine	B.A. 2	1615 Ducharme Ave., Montreal	AT 3078
MacGachen, Naomi R	B.A. 3	242 Redfern Ave., Westmount, Que.	WE 6368
McGee, Kathleen	B.A. 1	4170 Old Orchard Ave., Montreal.	WA 0957
McGee, Leonard Davidson	Eng. 3	63 Bruce Ave., Westmount, Que.	WE 6968
MacGibbon, James Alexander	Eng. 1	3667 Jeanne Mance St., Montreal	HA 5427
		Brownsburg, Que.	
McGiffin, John W.	Law 1	14 Grenville Ave., Westmount, Que.	WE8219
McGill, John James	Com. 2	3647 University St., Montreal	MA 2806
		189 Holmwood Ave., Ottawa, Ont.	
McGillivray, John Scott	Med. 1	515 Pine Ave. W., Montreal	LA 7645
		2176 Lorne St., Regina, Sask.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
MacGougan, Melrose Keir	Med. 2	3419 University St., Montreal Summerside, P.E.I.	MA 3089
McGregor, Douglas Robert	Eng. 1	Apt. 3, 1486 Mackay St., Montreal 92 London St., Sherbrooke, Que.	FI 4535
MacGregor, Hugh Denzil	Eng. 2	10 Lilac Ave., Dorval, Que	Lach 223F
MacGregor, Laurence	B.Sc. 1	111 Brock Ave. N., Montreal West, Que	WA 0475
MacGregor, Leslie Stewart	B.Sc. 1	476 Bourgeois St., Montreal	YO 4140F
MacGregor, Norman Fox	Arch. 4	3577 Lorne St., Montreal St. Andrews East, Que.	MA 0676
MacGregor, Theodora M	B.Sc. 3	Royal Victoria College, Montreal Cato, N.Y.	MA 9177
McGuire, Charles Ernest	Arts P	3610 Lorne Crescent, Montreal 219 Amelia St., Cornwall, Ont.	MA 8816
McGuire, James Francis	Eng. 3	3650 St. Urbain St., Montreal	HA 6691
McGreevy, Brian Irvine	Law 2	3478 McTavish St., Montreal 2 rue de Brebeuf, Quebec, Que.	PL 7412
McHugh, Hollie Edward	B.Sc. 4, Med. 1	Apt. 18, 1280 Bernard Ave., Montreal	AT 3158
McIntosh, Douglas Elliott	Eng. 3	648 Sherbrooke St. W., Montreal Camp Borden, Ont.	MA 5472
McIntosh, Margaret	Music	129 Wolseley Ave., Montreal West, Que	WA 2183M
McIntyre, George D	Grad. Sch	6058 Notre Dame de Grace Ave., Montreal	WA 0668
McIntyre, J. Murray	B.Sc. 4	6058 Notre Dame de Grace Ave., Montreal	WA 0668
MacIntyre, WilliamCameron	Com. 4	3202 Maplewood Ave., Montreal	EL 5072
MacIver, John Lennard	B.Sc. 1	944 Davaar St., Outremont, Que Scotstown, Que.	AT 6053M
Mackay, Alexander Caswell	Eng. 1	3538 Shuter St., Montreal 99 Queen St., Sherbrooke, Que.	PL 8996
McKay, Annie Robina	B.A. 2	3451 Oxford Ave., Montreal	DE 4182
Mackay, Dorothy W	Music	548 Prince Arthur St. W., Montreal Grange St., Pictou, N.S.	MA 7845
Mackay, Elizabeth Nora	B.A. 1	4375 Montrose Ave., Westmount, Que	WE 6806
MacKay, Ian Norton	Eng. 1	4375 Montrose Ave., Westmount, Que.	WE 6806
McKay, John Wesley Goldwin	Law 1	Apt. 32, 4560 St. Catherine St. W., Westmount, Que Box 426, Beauharnois, Que.	WE 1412
Mackay, Robert de Wolfe	Law 3	Apt. 24, 1509 Sherbrooke St. W., Montreal	FI 4454
McKay, Margaret Agnes	B.A. 3	Apt. 32, Westmount Park Apartments, Westmount, Que	WE 1412
McKee, Mary Margaret Joyce	B.A. 1	408 Metcalfe Ave., Westmount, Que.	WE 2353
MacKeen, Flora Gladys	Grad. Nurse	Apt. 18, 3504 Park Ave., Montreal Stillwater, N.S.	MA 8945
McKelvey, Morley Alexander	Med. 4	3506 University St., Montreal	MA 2055
McKenna, Mae Lillian	Grad. Nurse 1	1180 Drummond St., Montreal 6657 Laburnum St., Vancouver, B.C.	MA 9960
MacKenzie, David Wallace	Med. 2	3437 Redpath St., Montreal	PL 1984
Mackenzie, Katherine Jean	B.A. 3	4235 Marcil Ave., Montreal 2226 Retallack St., Regina, Sask.	WA 8710
Mackenzie, Kenneth Reading	B.A. 3	Apt. 11, 2019 Stanley St., Montreal	HA 9452
Mackenzie, Mary E	Grad. Sch	Royal Victoria College, Montreal	MA 9177
McKeown, Emily Marion	B.A. 2	2247 Old Orchard Ave., Montreal	DE 4956
McKergow, Ernest Alan	Eng. 1	Strathcona Hall, Montreal Waterloo, Que.	LA 1567
MacKinnon, Charles W	Com. 3	1552 Bishop St., Montreal Charlottetown, P.E.I.	PL 2620
MacKinnon, Patrick Archibald	Grad. Sch	3662 Park Ave., Montreal	HA 7445
McKinnon, Roona Donzella	B.A. 2	116 Broughton Ave., Montreal West, Que 867 Wolseley Ave., Winnipeg, Man.	WA 3832
McLachlin, Donald M	B.Sc. 2	2064 Mansfield St., Montreal Arnprior, Ont.	LA 6825
Maclaren, James Isbester	Eng. 4	61 Thornhill Ave., Montreal Officers' Mess, R. A. Park, Halifax, N.S.	MA 5472

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
MacLauchlan, Donald W	Grad. Sch	3592 University St., Montreal Port Greville, N.S.	MA 4479
McLaughlin, John Adrian	Med. 2	3483 Peel St., Montreal Arthuralta, N.B.	PL 3396
MacLaughlin, Nathaniel D	Arts P	University School, Cleveland, Ohio	
McLean, Douglas Wilson	B.A. 2	3478 McTavish St., Montreal 4299 Montrose Ave., Montreal	WE 2880
McLean, Ernest Keiller	Com. 2	161 Percival Ave., Montreal West, Que.	WA 0988
MacLean, Jessie Marion	B.A. 4	Royal Victoria College, Montreal 152 Carling Ave., Ottawa, Ont.	MA 9177
MacLean, John	B.A. 2	3485 McTavish St., Montreal Montague, P.E.I.	PL 1649
MacLean, Lorne Archibald	Med. 5	1452 Union Ave., Montreal New Wiltshire, P.E.I.	LA 7742
MacLean, Margaret E	B.A. 3	825 de l'Epée Ave., Outremont, Que	DO 2196
Maclean, Robert Underwood	Arts P	3485 McTavish St., Montreal Scotsburn Station, Pictou Co., N.S.	PL 1649
MacLean, Roderick Watson	Com. 2	3647 University St., Montreal 152 Carling Ave., Ottawa, Ont.	MA 2806
McLean, Sterling A	Med. 3	471 Prince Arthur St. W., Montreal 17 So. Russel St., Plymouth, Mass.	MA 8208
*MacLean, Violet Winifred	Grad. Nurse 1	3466 University St., Montreal Strathlorne, Inverness Co., N.S.	MA 2608
McLean, William Gordon	B.Sc. 1	631 Murray Hill, Westmount, Que.	WE 1882
McLeay, Mary Louise	Med. 3	3466 University St., Montreal Battleford, Sask.	MA 2608
McLeish, John Alexander	B.A. 1	4526 Harvard Ave., N.D.G., Montreal	EL 5946
MacLellan, Archibald Donald	Arts P	3447a Hutchison St., Montreal	
MacLellan, William Lloyd	B.A. 4	3485 McTavish St., Montreal R.R. No. 2, New Glasgow, N.S.	PL 1649
McLelland, Joyce E	Grad. Sch	4014 Harvard Ave., Montreal	WA 0290
*McLennan, Angus Roderick	Eng. 2	2054 Mansfield St., Montreal 447 Clendenan Ave.	
MacLennan, Donald Stuart	B.Sc. 2	1830 Lincoln Ave., Montreal	FI 3176
MacLennan, Helen Bryans	Med. 4	67 Holton Ave., Westmount, Que.	FI 4241
MacLennan, J. D	Theol. 3	3485 McTavish St., Montreal R.M.D. 2, New Glasgow, N.S.	PL. 1649
MacLeod, Colin Munro	Med. 5	35, 56th Ave., Lachine, Que	Lach 615
McLeod, Colena Margaret	B.A. 1	Royal Victoria College, Montreal Box 135, Lake Megantic, Que.	MA 9177
Macleod, David Irving	B.A. 4	772 Sherbrooke St., W., Montreal Alexandria, Ont.	LA 1567
MacLeod, Gordon Ross	B.Sc. 1	758a Champagneur Ave., Outremont, Que.	AT 2127F
MacLeod, Jessie Gladys	B.A. 3	35, 56th Ave., Dixie, Que	Lach.615
MacLeod, John Alexander	B.A. 1	3485 McTavish St., Montreal Scotstown, Que.	PL 1649
McLeod, John Kenneth	Med. 1	3559 University St., Montreal 15 Thorndike St., Concord, N.H.	MA 4418
McLeod, Laura Eleanor	B.A. 2	611 Victoria Ave., Westmount, Que.	EL 1551
MacLeod, Lester Campbell	Arts P	3547 Jeanne Mance St., Montreal Lennoxville, Que.	LA 5965
MacLeod, Margaret Irene	Com. 3	Royal Victoria College, Montreal Pictou, N.S.	MA 9177
McLernon, Robert Ross	Com. 1	E110 Chateau Apartments, Montreal	PL 6377
Maclure, Kenneth Cecil	B.Sc. 2	129 Percival Ave., Montreal	WA 5842
McManamy, Eugene	Med. 1	545 Pine Ave. W., Montreal 79 Queen St., Sherbrooke, Que.	MA 1545
McMartin, Donald Weir	Eng. 1	4722 Western Ave., Montreal	WE 0870
McMartin, William Finlay	Med. 3	4727 Western Ave., Montreal	WE 0870
McMaster, David Ross	Law 2	23 Redpath Crescent, Montreal	PL 3303
McMaster, Norman B	Grad. Sch	Macdonald College, P.Q	St.Anne 87
McMath, Andrew Allan Brown	Eng. 2	129 Edison Ave., St. Lambert, Que.	St.La 224
MacMillan, Donald N	Theol. 3	3485 McTavish St., Montreal Finch, Ont.	PL 1649
MacMillan, John Alexander	Med. 4	366 Ontario St. W., Apt. 26, Montreal. 4389, 3rd Ave. W., Vancouver, B.C.	PL 9709

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
McMorran, Sydney Dixon	Law 1	3581 University St., Montreal 55 McLeod St., Ottawa, Ont.	MA 3842
McMurtry, Arthur Shepherd	B.A. 3	Apt. 15, 439 Grosvenor Ave., Westmount, Que	WE 1214
McMurtry, Florence	B.A. 2	339 Lansdowne Ave., Westmount, Que	WE 2275
McNamee, Kenneth Francis	Law 1	281 Querbes Ave., Outremont, Que	AT 1497
McNamee, Thomas Foster	Law 3	281 Querbes Ave., Outremont, Que	AT 1497
MacNaughton, Anne Elizabeth	B.A. 4	Royal Victoria College, Montreal 34 Cramatan Drive, Yonkers, N.Y.	MA 9177
McNaughton, Malcolm E	Eng. 4	4565 Sherbrooke St. W., Montreal	WE 1408
MacNeil, Henry Gordon	Com. 1	540 Grosvenor Ave., Westmount, Que	WE 1269
MacNeil, John Corneilius	B.A. 2	3485 McTavish St., Montreal Glace Bay, N.S.	PL 1649
McNichols, Francoise	Arts P	318 St. Catherine Road, Outremont, Que	AT 1311
McNiff, Nelson Edward	B.Sc. 4	5380 Brodeur Ave., Montreal	WA 3897
Macnutt, Alverda Ewing	Arts P	4308 Montrose Ave., Westmount, Que	FI 2976
Macnutt, Ernest Gerrard	B.Sc. 1	4308 Montrose Ave., Westmount, Que	FI 2976
MacNutt, William Macgregor	Com. 2	3483 Peel St., Montreal Princetown, P.E.I.	PL 3396
McOuat, Arthur Gordon	B.Sc. 2	The Grove, 1628 Sherbrooke St. W., Montreal 66 Grace St., Lachute Mills, Que.	FI 0143
Macphail, Margaret	Com. 3	Royal Victoria College, Montreal Timmins, Ont.	MA 9177
McPhail, Murchie K	Grad. Sch	3635 Lorne Crescent, Montreal 628-10th St., New Westminster, B.C.	MA 8729
McPhee, Alex. Murray	Grad. Sch	72 Courcelette Ave., Outremont, Que Welland, Ont.	AT 2061
Macqueen, David John O	B.Sc. 1	927 Clifton Ave., Montreal	WA 3469J
McQuillan, William James	Law 1	1221 Island St., Montreal	WI 1980
McRae, Donald Clifford	Com. 2	143 Ballantyne Ave. N., Montreal West, Que	WA 8222
Macrae, Donald Hanley	Med. 2	495 Prince Arthur St. W., Apt. 10, Montreal 905, 4A No., Great Falls, Montana.	LA 0771
MacRae, Jessie Hanna	Soc. Workers 2	Apt. 8, 1463 Mackay St., Montreal New Germany, Lunenburg Co., N.S.	PL 6583
McRobie, Donald Robertson	Com. 2	647 Grosvenor Ave., Westmount, Que	EL 6767
McVey, George A	Com. 2	468 Mount Stephen Ave., Montreal	WE 3876
McVey, Velma A	B.Sc. 3	184 Macaulay Ave., St. Lambert, Que	St.La 652M
MacVicar, Roderick McL	Grad. Sch	Macdonald College, Que	St.Anne 87
Mace, J. P. Maurice	Eng. 1	4834 St. Urbain St., Montreal	DO 9024
Macey, Henry Percy	Med. 5	3535 Shuter St., Montreal Minnedosa, Man.	PL 1743
Macklin, Lionel S	Grad. Sch	1441 Drummond St., Montreal 48 Cathedral Ave., Winnipeg, Man.	MA 4171
Madge, Michael Montague	Arch. 1	12411 Chevalier Ave., Cartierville, Que	BY 1723
Magill, Louis Bernard	Arch. 2	5247 Clarke St., Montreal	CR 3769
Mahar, John Frederick	Com. 1	3581 University St., Montreal 11 Young Ave., Halifax, N.S.	MA 3842
Mahoney, Joseph John B	Med. 4	Apt. 26, 366 Ontario St. W., Montreal 3 Falls Ave., Norwich, Conn.	PL 9707
Malinsky, Maurice Louis	Med. 5	3473 Shuter St., Montreal	MA 9925
Malloy, Connolly James	Med. 4	3533 Shuter St., Montreal Blind River, Ont.	
Malouf, Philip Michel	Eng. 1	4629 Park Ave., Montreal	HA 8200
Mancuso, Salvatore	Arts P	6718 St. Denis St., Montreal 261 Preston St., Ottawa, Ont.	DO 7638
Manion, Robert Joseph	B.Sc. 2	1025 Sherbrooke St. W., Montreal 15 Allan Place, Ottawa, Ont.	PL 6508

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Manley, Cecily	Law 1	Apt. 17, 2324 Lincoln Ave., Montreal.	WI 3993
Manley, Wilbur Jesse	Med. 1	Apt. 10, 900 Sherbrooke St. W., Montreal	LA 9417
		447 Fort Washington Ave., New York, N.Y.	
Manning, Ruth May	Grad. Nurse 1	3466 University St., Montreal	MA 2608
		151 Waterloo St., Saint John, N.B.	
Manson, Edwin Bruce	Com. 2	3454 Peel St., Montreal	PL 1674
		306 Driveway, Ottawa, Ont.	
Manson, Isabel S	Grad. Sch	257 Dorchester St. W., Montreal	LA 8686
		Spruce Lake, Sask.	
Marcus, Albert	Law 1	5793 Deom Ave., Montreal	AT 1291
Margolick, Moses	Med. 2	Apt. 3, 2183 Maplewood Ave., Montreal	AT 5102
*Marion, Sylvia Amy	Arts P	3563 St. Famille St., Montreal	
		Calabogie, Ont.	
Markey, Henry Toller	Eng. 4	2133 Dorchester St. W., Montreal	WI 6333
Markey, Donald Chipman	B.A. 3	2133 Dorchester St. W., Montreal	WI 6333
Markham, Walter Manning	Com. 1	3 Renfrew Road, Montreal	WE 8410
Marler, John De Montmollin	Law 3	3420 Peel St., Montreal	PL 1518
Marriott, Helen Adelaide	B.A. 1	1477 Sherbrooke St.W., Montreal	FI 1348
		404 Laurier Ave. E., Ottawa, Ont.	
Marrotte, Louis Gilbert	Com. 1	224 Brock Ave., Montreal West, Que.	WA 1920
Marshall, Adam Scott	Eng. 4	4446 Old Orchard Ave., Montreal	EL 3072
		175 Denis St., Sault Ste. Marie, Ont.	
Marshall, Arthur Joseph	B.A. 3	3473 University St., Montreal	MA 4902
		132 Carr Road, Walthamstow, London E. 17, England.	
Marshall, H. Borden	Grad. Sch	3635 Lorne Crescent, Montreal	MA 8729
		1415, 8th Ave., New Westminster, B.C.	
Marshall, Iona La Mont	Grad. Nurse 1	3466 University St. (Annex), Montreal	MA 2608
		Springfield, Annapolis Co., N.S.	
Marshall, James	Grad. Sch	Macdonald College, Que	St. Anne87
Martin, Earl Patrick	Eng. 1	2064 Mansfield St., Montreal	LA 6825
		Buckingham, Que.	
Martin, Henry Desmond	B.A. 2	3062 Westmount Blvd., Montreal	FI 5371
Martin, Nora Caroline	Grad. Nurse 1	3519 Lorne Ave., Montreal	MA 6739
		R.R. No. 1, Gomin Road, Sillery, Que.	
Martin, Reginald Lee	Eng. 3	1445 Metcalfe St., Montreal	LA 9982
		80 Ottawa St., Granby, Que.	
Mason, Clarence T	Grad. Sch	3437 Shuter St., Montreal	MA 8864
		1317 Emerson St., Evanston, Ill.	
Mason, Freda Katherine	B.A. 3	Royal Victoria College, Montreal	MA 9177
		Lachute, Que.	
Mason, Harry E	Grad. Sch	3485 McTavish St., Montreal	PL 1649
		71 Orange St., Saint John, N.B.	
Mason, John W	Med. 5	3566 Lorne Ave., Montreal	MA 8812
		Sharon, Vt.	
Mason, Orley Batcheller	Eng. 3	3581 University St., Montreal	MA 3842
		Grand'Mere, Que.	
Mason, Stanley George	B.Sc. 1	931 St. Philippe St., Montreal	WE 4563F
Masse, Jules Thomas	Med. 4	367 St. Louis Square, Montreal	HA 3757
Massey, Ernest E	Grad. Sch	554 Milton St., Apt. 7, Montreal	
		Richmond, Que.	
Mastrianni, Michael Anthony	Arts 4, Med. 1	487 Milton St., Montreal	MA 9915
		46 Warsaw Ave., Mechanicville, N.Y.	
Matheson, Arthur Ian	Com. 4	3434 McTavish St., Montreal	PL 6773
		24 Woodlawn, Ottawa, Ont.	
Mathews, William Herbert	Med. 1	3637 University St., Montreal	MA 1824
		9c Pasadena Court, Winnipeg, Man.	
Matthews, Florida L	Grad. P	2121 W. Chestnut St., Louisville, Ky.	
Maughan, George B	Med. 3	596 Grosvenor Ave., Montreal	EL 2372
Maxwell, Charles Sydney	B.Sc. 3	3506 University St., Montreal	MA 2055
		102 Mercier St., St. Johns, Que.	
Maybury, Muriel Patricia	B.A. 2	Apt. 9, 3597 St. Urbain St., Montreal	HA 5834
Maycock, William D'Auvergne	Med. 2	Strathcona Hall, Montreal	LA 1567–
		Apt. 2, 1546 Crescent St., Montreal	PL 7511

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Mayer, G. H	Theol. 1	3473 University St., Montreal 657 Murray Hill, Westmount, Que.	MA 4902
Mayerovitch, Harry	Arch. 4	3508 Durocher St., Montreal Rockland, Ont.	PL 8993
Mayerovitch, Robert	Eng. 3	3508 Durocher St., Montreal Rockland, Ont.	PL 8993
Mayoff, Moses	Med. 3	Apt. 4, 379 Edward Charles St., Montreal	DO 6595
Mazza, Sister Maria Serafina	Grad. Sch	1235 Notre Dame de Lourdes St., Montreal Seton Hill, Greensburg, Penna.	
Meagher, Robert Douglas	Eng. 1	3579 Shuter St., Montreal 571 Island Park Drive, Ottawa, Ont.	HA 4357
Meakins, George Grant	Com. 3	3454 Peel St., Montreal 48 Proctor Blvd., Hamilton, Ont.	PL 1674
Medine, Myer Michael	Med. 1	Apt. 2, 2082 Sherbrooke St. W., Montreal	WI 7714
Mellor, Alfred Geoffrey	Eng. 2	619 Belmont Ave., Westmount, Que.	WE 6391
Mellor, C. Douglas	Com. 3	4467 Melrose Ave., N.D.G., Montreal.	EL 2741
Melyn, John Anthony F	Med. 4	3473 Shuter St., Montreal 9200 Cottage Grove, Chicago, Ill.	MA 9925
Mendels, Morton Meyer	Law 3	4516 St. Catherine St. W., Montreal	WE 0814
Mendelsohn, Bernard	B.A. 2	3756 St. Lawrence Blvd., Montreal	PL 5442
Mendelsohn, Lewis	Eng. 3	2086 Tupper St., Montreal	WI 7585
Mendelsohn, Sarah Esther	B.A. 4	40 Joyce Ave., Montreal	AT 4797
Mendelssohn, Manuel Joseph	Arch. 3	5462 Park Ave., Montreal	CR 6957
Mercer, John Lantry	Med. 3	3543 Lorne Ave., Montreal 174 W. Main, Malone, N.Y.	MA 6507
Mercer, William Clarence	B.A. 3	3506 University St., Montreal Bay Roberts, Nfld.	MA 2055
Merrick, Hollis Warren	Med. 4	2340 Lincoln Ave., Montreal Fort Covington, N.Y.	WI 5956
Mersereau, Harris Coburn	B.Sc. 4	1441 Mackay St., Montreal	PL 6794
Mertz, Maxine	Music	1700 McGregor St., Montreal	FI 8141
Matrakos, Spero	B.Sc. 2	7502 de l'Epée Ave. N., Outremont, Que.	AT 4303W
Michaloplos, T. S	Grad. Sch	1297 Beaubien St. E., Apt. 8, Montreal	
Michaud, Martha Mary	B.Sc. 1	184 St. Lawrence St., Longueuil, Que	Long 156
Mickles, Mary Martha	B.A. 1	1490 Pine Ave. W., Montreal	FI 2939
Milburne, Kathleen E.	Grad. Sch	4221 Oxford Ave., Montreal	WA 1039
Millar, George William	Com. 1	45 Thornhill Ave., Montreal	WE 8859
Millar, Mary Elizabeth	B.Sc. 2	Royal Victoria College, Montreal 242 Isabella St., Pembroke, Ont.	MA 9177
Millar, Raymond Norman	B.Sc. 1	238 Principal St., St. Laurent, Que.	BY 0478
Miller, Alice Elizabeth	B.A. 2	49 Nelson St., Montreal West	WA 1984
Miller, Errol Leslie	Eng. 1	5849 Jeanne Mance St., Montreal	CR 5113
Miller, Lindsay	Eng. 3	4073 Hampton Ave., Montreal	WA 7305
Miller, Margaret Amelia	B.A. 2	3841 Draper Ave., Montreal	WA 3874
Miller, Ruth Wilhelmina	Grad. Nurse 1	Apt. 4, 1967 Bayle St., Montreal 44 Sunnyside Ave., Montreal.	WI 9694
Miller, Saul	B.Sc. 1	357 Broadway Ave. Lachine, Que.	Lach 481
Milliken, Joseph Hunt	Med. 5	1012 Sherbrooke St. W., Montreal 3858 Howe St., Oakland, Calif.	LA 9632
Millman, Beatrice	B.A. 1	450 Grosvenor Ave., Westmount	WE 9113
Millward, James Bert	B.A. 2	3473 University St., Montreal 6017 Third Ave., Rosemount, Montreal.	MA 4902
Mills, Alan Stuart	Eng. 4	4159 Old Orchard Ave., Montreal.	WA 2636
Miner (Mabel), Eleanor	B.A. 2	A40 Chateau Apartments, Montreal Granby, Que.	PL 5358
Miner, Pauline	B.A. 1	851 Hartland Ave., Montreal	AT 6115
Miner, Sarah Elizabeth	B.A. 2	A40 Chateau Apartments, Montreal Granby, Que.	PL 5358
Minnes, James Fortin	Med. 3	11 Saronia Apts., Stanley St., Montreal 364 Lewis St., Ottawa, Ont.	HA 9452
Minnion, Arthur Millington	B.A. 4	Apt. 12, 3025 Sherbrooke St. W., Montreal	FI 2909

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Mischpeter, Meta Emma	Soc. Workers 2	4940 Cote des Neiges Road, Montreal.	EL 2733
		Indian Head, Sask.	
Mitchell, Chas. L	Theol. 2	3485 McTavish St., Montreal	PL 1649
		Harcourt, N.B.	
Mitchell, David	Eng. 2	2019 Stanley St., Apt. 12, Montreal	PL 9848
		East Templeton, Que.	
Mitchell, Francis Murray	Com. 4	596 Lansdowne Ave., Westmount, Que.	EL 2422
Mitchell, Gifford Jerome	B.A. 2	3504 University St., Montreal	
		Vankleek Hill, Ont.	
Mitchell, Morris	Grad. Sch	621 Prince Arthur St. W., Montreal.	
Mitchell, Robert Walter	Eng. 3	135 Balfour Ave., Montreal	AT 5537W
Mitchell, Thelma Mary	B.A. 4	944 Dunlop Ave., Montreal	AT 4836
Mitchell, William	Law 1	3448 Stanley St., Montreal	PL 2806
Mock, Mildred Emma	B.A. 1	1565 Bernard Ave., Outremont, Que.	AT 3511
Mode, G. Stuart	Med. 2	3573 Hutchison St., Montreal	LA 4759
		Vankleek Hill, Ont.	
Moll, Albert Edward	Law 3	5268 Cote St. Antoine Road, Montreal	DE 6073
Mollot, Edward Elgin	Dent. 4	4625 Wellington St., Verdun, Que.	YO 0983
Monahan, William David	Med. 1	2064 Mansfield St., Montreal	LA 6825
		Lancaster, N.H.	
Monks, Herbert Thomas Jesse	Eng. 1	4060 Hampton Ave., Montreal	WA 2243
Montgomery, Brock Lough	Eng. 3	3581 University St., Montreal	MA 3842
Montgomery, Frances E.	Com. 2	779 Hartland Ave., Outremont, Que.	AT 1304
Montgomery, Frances Louise	Soc. Workers 2	5052 Western Ave., Montreal	WA 0433
	Arts P	Sawyerville, Que.	
Montgomery, George Hugh	B.A. 3	3562 Mountain St., Montreal	PL 6502
Montgomery, Harriet R.	Grad. Sch	5627 Hutchison St., Montreal	
		New Richmond, Que.	
Montgomery, Robert Hastwell	Law 1	3581 University St., Montreal	MA 3842
		New Richmond, Que.	
Montgomery, Thomas Ross	Com. 4	317 Broadway, Lachine, Que.	Lach 288
Montgomery, Wallace Osgoode	Com. 4	3559 University St., Montreal	MA 4418
		East Angus, Que.	
*Montgomery, Wm. Boydell	Eng. 4	3429 Peel St., Montreal	PL 7385
		Penticton, B.C.	
Mooney, Malcblm Cedric	B.A.4, Med. 1	3647 University St., Montreal	MA 2806
		316 Grande Allée, Quebec, Que.	
Moore, George Albert	Eng. 3	3618 Oxenden Ave., Montreal	MA 8505
		Westboro, Ont.	
Moore, Leonard P.	Grad. Sch	2101 University St., Apt. 6, Montreal	PL 9705
Moore, William H.	Grad. Sch	466 Grosvenor Ave., Westmount, Que.	WE 1431J
Moran, William Thomas	Com. 1	6154 Terrebonne Ave., Montreal	EL 2314
Morant, Phyllis Ida	B.A. 1	4241 Old Orchard Ave., Montreal	WA 6352
Morazain, J. G.	Grad. Sch	3420 University St., Montreal	
		94 St. Cyrille St., Quebec.	
Morehouse, Fred. R.	Grad. Sch	2101 University St., Apt. 6, Montreal	PL 9705
Morehouse, Oscar Emery	Med. 4	3483 Peel St., Montreal	PL 3396
		Upper Keswick, N.B.	
Morgan, Ralph Terrence	Eng. 1	3378 Selby St., Westmount, Que.	WI 6290
Morgan, Frederick	B.A. 1	3454 Peel St., Montreal	PL 1674
		Ramon B. Castro 1191, Olivos, Buenos Ayres, Argentina.	
Morgan, G. Lloyd	B.A. 4	3506 University St., Montreal	MA 2055
		Port de Grave, Nfld.	
Morisset, Fernand	Eng. 3	304 Sherbrooke St. W., Montreal	HA 5597
		Ville-Marie, Temiskaming Co., Que.	
Morris, Lindsay George	Com. 4	4700 Westmount Ave., Westmount, Que.	EL 8270
Morrison, Gordon M.	Med. 4	3534 University St., Montreal	MA 3448
		San Mateo, Calif.	
Morrison, Janet Stewart	B.A. 4	102 Cornwall Ave., Mount Royal, Que.	AT 2064
Morrison, Kathryn Louise	B.A. 1	17 Kindersly Road, Model City, Que.	AT 1555
Morrison, Norman Donald	Med. 3	3534 University St., Montreal	MA 3448
		492 Parrott Drive, San Mateo, Calif.	
Morrison, Pauline Jack	Lib. Sch	4714 Western Ave., Westmount, Que.	WE 9974

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Morse, Thomas Smith	Eng. 1	3581 University St., Montreal	MA 3842
		Bathurst, N.B.	
Morton, N. Whitman	Grad. Sch	3657 Laval Ave., Montreal	LA 0786
Moscovitch, Ben	B.Sc. 1	4397 Esplanade St., Montreal	PL 8466
Moseley, Shirley Charles	Eng. 1	561 St. Catherine Rd., Outremont, Que.	AT 4458
		Lunenburg, N.S.	
Moser, John Hardison	Med. 1	3578 Shuter St., Montreal	
		209 Culver Road, Rochester, N.Y.	
Motherwell, Charles Gordon	B.Sc. 1	574 Cote St. Antoine Road, Westmount, Que.	EL 9817
Motley, Phillips Carey	B.A. 2	2 Sunnyside Ave., Westmount, Que.	WE 2469
Mott, Frederick Dodge	Med. 5	3647 Durocher St., Montreal	HA 1489
		293 No. Broadway, Yonkers, N.Y.	
Mowatt, Andrew Joseph	B.A. 3	318 Cote St. Antoine Road, Westmount, Que.	WE 1776W
Moxley, Catherine Isabelle	Phys. Ed. 2	Royal Victoria College, Montreal	MA 9177
		651 Victoria Ave., Windsor, Ont.	
Mullally, Eileen Isabel	B.A. 1	2021 Union Ave., Montreal	HA 9560
Mullally, James Emmet	Law 2	2021 Union Ave., Montreal	HA 9560
Mullen, Evelyn Estell	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
		West Chazy, N.Y.	
Mullen, Thomas James	Eng. 2	4336 Coolbrook Ave., Montreal	EL 5292
Mulligan, Marjorie M.	Law 1	Apt. 1, 3622 Lorne Crescent, Montreal	PL 8440
		Maniwaki, Que.	
Mulligan, William O	Grad. Sch	351 Melville Ave., Westmount, Que.	WE 0480
Munn, Daniel J.	Theol. 2	3506 University St., Montreal	MA 2055
Munn, Mary Elisabeth	Arts P	4273 Dorchester St., Westmount, Que.	WE 1502
Munro, Ferdinand L.	Grad. Sch	2007 Mansfield St., Apt. 30, Montreal.	MA 9284
Munroe, William George C.	Med. 3	235 Strathearn Ave., Montreal West, Que.	WA 4792
Murdock, Earl	B.A. 4	3506 University St., Montreal	MA 2055
Murnen, Owen Frederick	Dent. 3	3443 St. Famille St., Montreal	PL 5096
		809 Morris St., Ogdensburg, N.Y.	
Murphy, Daniel Emmett	B.Sc. 1	845 Dollard Ave., Outremont, Que.	AT 7775
Murphy, Daniel Francis	B.Sc. 1	6805 Chabot St., Montreal	CA 9546
Murphy, Edmund Patrick	Med. 2	1451 Chomedy St., Montreal	WI 2791
		2652 Bloomington Ave., Minneapolis, Minn.	
Murphy, Robert Gordon	Med. 4	3534 University St., Montreal	MA 3448
		17 Mayflower St., Providence, R.I.	
Murray, Charles C.	Theol. 3	3506 University St., Montreal	MA 2055
		Stoney Creek, Ont.	
Murray, George Scott	Com. 1	1015 Sherbrooke St., Montreal	PL 7641
		233 Clemow Ave., Ottawa, Ont.	
Murray, John M.	B.Sc. 2	3434 McTavish St., Montreal	PL 6773
		212 Wallace Ave., Buffalo, N.Y.	
Murray, Robert Dudley	B.A. 1	120 Percival Ave., Montreal West, Que.	WA 0028
Murray, William MacGregor.	Eng. 4	1509 Sherbrooke St. W., Montreal	FI 3047
Musgrave, Edward Lindsay	Com. 4	2047 Metcalfe St., Montreal	LA 9509
		1166 Goodwin Street, Victoria, B.C.	
Mussell, Jocelyn Estelle	B.A. 1	27 Milner Ave., Montreal West	WA 0792
Mussen, Guy Aubrey	Eng. 1	2076 Sherbrooke St., Montreal	FI 1785
Nadeau, Maurice	B.Sc. 1	3630 Park Ave., Montreal	MA 3917
		487 First Ave., Quebec City, Que.	
Naismith, Mildred Lyle	Com. 4	Apt. 1, 1959 Bayle St., Montreal	WI 9912
		195 Powell Ave., Ottawa, Ont.	
Nancekivell, Arthur Frank	B.A. 1	79 Arlington Ave., Westmount, Que.	WE 8585
Nancekivell, John Watson	B.Sc. 1	79 Arlington Ave., Westmount, Que.	WE 8585
Neal, Edith Claire	B.A. 4	430 Beaconsfield Ave., Montreal	WA 3235
Neamtan, Samuel Morton	B.Sc. 2	4894 Hutchison St., Montreal	DO 5427
Nebach, Molly	B.A. 1	5607 Papineau Ave., Montreal	CA 2414
Neeland, William Daniel	B.Sc. 2	3433 Peel St., Montreal	PL 2073
Negru, John Harvey	Med. 2	1527 Burnside Place, Montreal	FI 2021
Nelles, J. Gordon	Grad. Sch	1498 Mackay St., Montreal	FI 5130
Nelson, Leeds Maclear	Com. 2	595 Victoria Ave., Westmount, Que.	EL 2368

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Nelson, Richard William	Med. 2	522 Prince Arthur St., Montreal	HA 7437
		Kane, Pa.	
Nelson, Robert James	Med. 5	2100 Marlowe Ave., Montreal	WA 5620
		P.O. Box 462, Campbellton, N.B.	
Nesbitt, Arthur Deane	Eng. 3	41 Forden Ave., Westmount, Que.	WE 2162
Nesbitt, Dorothy Eleanor	B.A. 4	4168 Madison Ave., Montreal	WA 5136
Newburger, Isabel Hayes	Arts P	Apt. 17, 3680 St. Urbain St., Montreal	
		274 Charlton Ave., South Orange, N.J.	
Newell, Howard Winthrop	Med. 5	2054 Mansfield St., Montreal	LA 5528
		Dee Road, Lexington, Mass.	
Newton, Alexandra E. N	B.A. 1	Royal Victoria College, Montreal	MA 9177
		155 Victoria St., Sherbrooke, Que.	
Newton, Reginald Stephen	Eng. 2	3581 University St., Montreal	MA 3842
		165 Portland Ave., Sherbrooke, Que.	
Newton, Victor Watt	B.Sc. 1	3581 University St., Montreal	MA 3842
		165 Portland Ave., Sherbrooke, Que.	
Nicholas, Robert Austin	Com. 3	734A Outremont Ave., Outremont, Que.	AT 0985
		195 Furby St., Winnipeg, Man.	
Nicholls, George Van Vliet	Law 3	2174 Sherbrooke St. W., Montreal	WI 9237
Nicholls, John Van Vliet	Med. 3	2174 Sherbrooke St. W., Montreal	WI 9237
Nicholls, Robert Van Vliet	B.Sc. 3	2174 Sherbrooke St. W., Montreal	WI 9237
Nicholson, Arthur Cosmo	B.A. 1	3475 University St., Montreal	MA 4902
		9 Eldon St., Sunderland, England.	
Nicholson, Gwendolyn Mary	B.A. 2	23 Donegani Ave., Valois, Que	Pt Cl 382J
Nickerson, Samuel Harold	Med. 4	4414 Henri Julien Ave., Montreal	BE 3711F
Nickson, John Ellison	Com. 2	D 42 Gleneagles, Montreal	FI 8338
Nicolson, Walter William	Med. 3	3578 University St., Montreal	MA 1074
		1201 Park Ave., Alameda, Calif.	
Nixon, Dorothy Jean	B.A. 3	647 Belmont Ave., Westmount, Que.	WE 4808
Nixon, John Scott	B.A. 4	647 Belmont Ave., Westmount, Que.	WE 4808
Nixon, Robert James	B.Sc. 1	647 Belmont Ave., Westmount, Que.	WE 4808
Noad, Harriet Lillian	Phys. Ed. 2	1201 Dorchester St. W., Montreal	MA 7366
		Smith's Falls, Ont.	
Nobbs, Francis John	B.A. 3	38 Belvedere Road, Westmount, Que.	WE 4612
Nolan, John Anthony	B.Sc. 2	836 Davaar Ave., Montreal	AT 2222
Nolan, John F	Med. 5	312 Drummond Court Apts., Drummond St., Montreal	MA 7873
		505 Brooks St., Bridgeport, Conn.	
Normington, James B	Grad. Sch	39 Windsor Ave., Westmount, Que.	WE 6615
Norris, Frederick E	Com. 3	3429 Peel St., Montreal	PL 7385
		132 Douglas St., Victoria, B.C.	
Norris, Kenneth E	Grad. Sch	4974 Earnscliffe Ave., Montreal	EL 5952
Northrup, Marguerite Agnes	Grad. Nurse 1	3466 University St., Montreal	MA 2608
		Kingston, Kings Co., N.B.	
Norwood, Clarence Raymond	Eng. 1	15 Rennie Ave., Montreal West, Que.	WA 1316
Novek, Ruth	B.Sc. 2	3837 Girouard Ave., Montreal	EL 4791
Nowlan, Shirley Marie	B.A. 3	5510 Queen Mary Road, Montreal	EL 5104
Nugent, William Oliver	Arts P	Presbyterian College, Montreal	PL 1649
		56 Forward Ave., London, Ont.	
Nutik, Harry L	Com. 4	4908 Sherbrooke St. W., Montreal	WE 6845
Nutt, Philip Kidson	Com. 3	83 Lorne Ave., St. Lambert, Que.	StLa 237
Nutter, John Appleton	Eng. 1	48 Chesterfield Ave., Westmount, Que.	WE 3690
O'Brien, Ella Gertrude	Soc. Workers 2	Y.W.C.A. Annex, 1124 Dorchester St. W., Montreal	MA 7366
		East Saint John, N.B.	
O'Connor, Alice Josephine	B.A. 2	1019 Sherbrooke St. W., Montreal	PL 6875
		Sault Ste. Marie, Ont.	
Ogilvie, Douglas Rolt	Law 1	3036 St. Sulpice Road, Montreal	FI 4113
Ogilvie, Gordon Sparks	Eng. 1	3609 University St., Montreal	MA 4300
		55 Park Ave., Ottawa, Ont.	
Ogilvie, Ian	B.A. 2	3529 Simpson St., Montreal	FI 8181
Ogilvie, Lorne Frederick W	Com. 2	3036 St. Sulpice Road, Montreal	FI 4113
Ogulnik, F. Victor	B.Sc. 4, Med. 1	5 Belfrage Road, Westmount, Que.	EL 4503
O'Hara, Gerald Patrick	Med. 3	510 Pine Ave., Montreal	HA 2970
		678, 9th Ave., San Francisco, Calif	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Olesker, Carmen Hylda	B.A. 3	Berkeley Hotel, 1188 Sherbrooke St. W., Montreal	MA 1712
Olesker, Norman Herbert	B.A. 3	1188 Sherbrooke St. W., Montreal	MA 1712
Oleskevich, Veni	Eng. 4	3590 St. Famille St., Montreal	MA 1790
		Chatham, N.B.	
Oliver, Abraham	Dent. 3	3816 De Bullion St., Montreal	PL 3312
Oliver, Robert William	Com. 2	70, 35th Ave., Lachine, Que	Lach 1450
Olker, Louis Charles	Med. 1	522 Prince Arthur St. W., Montreal	HA 7437
		837 Wall St., Chico, Calif.	
Olmes, Frank S	Med. 4	3614 Oxenden St., Montreal	MA 8818
		1008, 7th Ave., Altoona, Pa.	
O'Meara, Ambrose John	Law 1	Apt. 112, Drummond Court Apts., Montreal	PL 5404
O'Neil, Gordon Blake	Med. 1	187 Mercille, St. Lambert, Que	MA 2693
		Seattle, Washington.	
O'Neill, Morna Yates	B.A. 1	Royal Victoria College, Montreal	MA 9177
		53 Drummond St., Granby, Que.	
Onions, Wilfred Richmond	Arch. 5	1176 Sherbrooke St. W., Montreal	MA 1447
		Somerset, Bermuda.	
O'Reilly, Edwin Basil	Med. 2	2082 University St., Montreal	LA 7548
		427 Fruit Hill Ave., No. Providence, R.I.	
O'Reilly-Hewitt, Frederick T.	Com. 3	3429 Peel St., Montreal	PL 7385
Orlando, Mario P	Med. 2	3728 Jeanne Mance St., Montreal	LA 9449
		Bridgetown, N.S.	
Orlando, Mary Elizabeth	Grad. Nurse 1	3466 University St., Montreal	MA 2608
		Bridgetown, N.S.	
Orlando, Rose G	Grad. Sch	1550 Mackay St., Apt. 12, Montreal.	
Ornstein, Joseph Frank	Com. 4	5615 Durocher Ave., Montreal	CR 2240
Ornstein, Louis	Com. 3	5477 St. Urbain St., Montreal	CR 6358
Ornstein, Ruby	Com. 2	5615 Durocher St., Montreal	CR 2240
Ortiz Rubio, Fernando	B.Sc. 1	413 Drummond Court Apt., Montreal	MA 3817
		Castillo de Chapultepec, Mexico.	
Ortiz Rubio, Guillermo	Arts P	413 Drummond Court Apt., Montreal	MA 3817
		Castillo de Chapultepec, Mexico.	
O'Shaughnessy, Michael J	Eng. 4	2082 Vendome Ave., Montreal	DE 6674
Oswald, Mary Joy	B.A. 3	3422 Northcliffe Ave., Montreal	EL 9762
Oswald, William Edward D	B.A. 1	24 Hampton Court Apts., Montreal	MA 7967
Ouimet, J. Alphonse	Eng. 4	448 Outremont Ave., Outremont, Que.	AT 2330
Owen, Alfred E	Theol	3506 University St., Montreal	MA 2055
		Weston, Ont.	
Owen, Janet Beatrice W	Lib. Sch	548 Prince Arthur St. W., Montreal	MA 7845
		609 Superior St., Victoria, B.C.	
Owen, George Robert W	B.A. 3	5862 Notre Dame de Grace Ave., Montreal	WA 2749
Pacaud, Robert	B.A. 1	674 Roslyn Ave., Westmount, Que.	EL 3963
Packer, Henry	Med. 4	2059 Peel St., Montreal	LA 0704
		6102 Woodland Ave., Cleveland, Ohio	
Painter, Adele Lorenz	B.A. 1	215 Carlyle Ave., Montreal	AT 1822
Painter, Gilbert Walter	Eng. 3	1025 Burnside Place, Montreal	LA 0705
Palmer, Russell Frederick	Eng. 2	63 Oak Ave., St. Lambert, Que	StLa 629
Panos, George Spencer	Eng. 2	153 Milton St., Montreal	MA 3154
Panter, Faivel	B.Sc. 3	5357 Jeanne Mance St., Montreal	CR 2706
Paradis, Carme Dosithee E	B.Sc. 1	2255 Dorchester St. W., Montreal	WI 6903
Parent, Jean Louis	Eng. 1	3424 Jeanne Mance St., Montreal	PL 3712
		D'Israeli, Wolfe Co., Que.	
Parish, Charles Ernest	Eng. 4	3434 McTavish St., Montreal	PL 6773
		30 Cliff Ave., Hamilton, Ont.	
Park, Francis William	Law 1	3609 University St., Montreal	MA 4300
		Newcastle, N.B.	
Parker, Alice Lillian	B.A. 4	Royal Victoria College, Montreal	MA 9177
		175 Court St., Coaticook, Que.	
Parker, Ceylon Mervill	Med. 3	3547 Jeanne Mance St., Montreal	LA 8965
		74 Fort Covington St., Malone, N.Y.	
Parker, William Sturges	Med. 5	640 Prince Arthur St. W., Montreal	MA 9531
		76E Housatonic St., Pittsfield, Mass.	
Parkovnick, Samuel	Med. 3	6826 St. Lawrence Boulevard, Montreal	CR 5043
Parnet, Arthur	Grad. Sch	3657 Laval Ave., Montreal	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Parsons, Harold Edward	B.A. 4	3506 University St., Montreal	MA 2055
		93 Sedgewick St., Jamaica Plain, Mass.	
Parsons, Otto Glendon	Arts P	4446 Beaconsfield Ave., Montreal	EL 2752
		Port Greville, Cumberland Co., N.S.	
Parton, Eileen May	B.A. 4	Royal Victoria College, Montreal	MA 9177
		238 Harvard Ave., Winnipeg, Man.	
Passino, Leon Clifford	Med. 3	772 Sherbrooke St. W., Montreal	LA 1567
		75 Constable St., Malone, N.Y.	
Paterson, Graham Webster	B.Sc. 1	12 Stratford Road, Hampstead, Montreal	EL 5666
Paterson, John Ross	Law 2	4311 Montrose Ave., Westmount, Que.	WE 9541
Paterson, Ruth Blagrave	Phys. Ed. 1	12 Stratford Road, Hampstead, Montreal	EL 5666
Paton, Alfred Hugh	B.Sc. 2	3484 Shuter St., Montreal	MA 9961
Paton, Charles Peter	Eng. 1	53 Wolseley Ave., Montreal West, Que.	WA 4063
Pattee, Chauncey Johnson	Med. 1	127 Ballantyne Ave. N., Montreal West, Que	WA 7169
Pattee, Frank Lyle	Law 1	127 Ballantyne Ave. N., Montreal West, Que	WA 7169
Patten, Robert William	Med. 2	3419 University St., Montreal	MA 3089
		Chilliwack, B.C.	
Patterson, John Hall	Theol. 1	5593 Jeanne Mance St., Montreal	PL 1649
Patterson, Margaret M	Arts P	Apt. 21, "The Acadia," Sherbrooke St. W., Montreal	MA 8582
Patton, Hugh Bradford	Med. 1	2053 Union Ave., Montreal	HA 9469
Patton, Huntley MacDonald	Com. 2	3550 Lorne Avenue, Montreal	MA 2693
		Truro, N.S.	
Payan, Charles Richard	B.Sc. 2	3454 Peel St., Montreal	PL 1674
		141 Girouard St., St. Hyacinthe, Que.	
Payne, Frances Lillian	Phys. Ed. 2	Royal Victoria College, Montreal	MA 9177
		Red Deer, Alta.	
Payne, John Stewart Ross	Com. 1	Apt. 8, 5955 Cote St. Antoine Road, Montreal	WA 8063
Payne, Mary Margaret Ida	Phys. Ed. 2	555 Sherbrooke St. W., Montreal	MA 9177
		39 Mountain St., Granby, Que.	
Payton, John Russell Talbot	B.A. 4	25 Burton Ave., Westmount, Que.	WE 2474
Pearce, Catherine Anne	B.A. 2	Royal Victoria College, Montreal	MA 9177
		Picton, Ont.	
Pearce, J	Theol. 1	3473 University St., Montreal	MA 4902
Pearce, Priscilla Mary	B.A. 4	Royal Victoria College, Montreal	MA 9177
		Picton, Ont.	
Pearson, Gertrude Elizabeth	Med. 4	Apt. 2, 1944 Tupper St., Montreal	WI 9184
Pearson, Vera	Grad. Nurse 1	Apt. 5, Barat Court, 3015 Sherbrooke W., Montreal	FI 3801
Peck, Esmond Hastings	Eng. 1	3460 Simpson St., Montreal	FI 4335
Peck, Robert Alfred	B.A. 1	268 May Ave., Verdun, Que	YO 7528
Peden, Gwen W	Grad. Sch	161 Strathearn Ave., Montreal West, Que	WA 0379
Peden, Merle Grace	Com. 4	161 Strathearn Ave., Montreal West, Que	WA 0379
Pelley, William George	B.A. 3	3506 University St., Montreal	MA 2055
		220 Wentworth St. N., Hamilton, Ont.	
*Peltier, Ruth Mathilde	Lib. Sch	330 Brock Ave. N., Montreal West, Que.	WA 8547
Pelton, Marion B	Arts P	645 Victoria Ave., Westmount, Que.	EL 6262
Pennock, Albert James	B.A. 3	772 Sherbrooke St. W., Montreal	LA 1567
		66 Powell Ave., Ottawa, Ont.	
Percy, George Thomas	Com. 1	512 Champagneur Ave., Montreal	AT 3994
Perego, Henry Anthony	Eng. 2	3837 Old Orchard Ave., Montreal	EL 4472
Perelmuter, Hyman	B.A. 1	Apt. 10, 1115 Lajoie Ave., Outremont, Que	DO 4570
Perez, Eugene Reyes	Med. 1	3579 Hutchison St., Montreal	MA 9508
		88 Hawkins St., Hollister, Calif.	
Perlson, Phyllis Violet	B.A. 3	99 Cedar Ave., Pointe Claire, Que	PtCla 187

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Perrault, Edwidge	B.A. 1	900 Sherbrooke St. W., Montreal	MA 4301
Perrault, Morris McKenna	B.A. 2	Apt. 20, 900 Sherbrooke St. W., Montreal	MA 4301
Perreault, Raymond Richard	Med. 2	2082 University St., Montreal 46 Chestnut St., Rochester, N.H.	LA 7548
Perrigard, Elma Elizabeth	B.A. 2	3788 Vendome Ave., Montreal	WA 7787
Perry, Rosamond	B.A. 2	510 Pine Ave. W., Montreal Chambly Canton, Que.	HA 2976
Perry, Stanley Z	Grad. Sch	5430 Terrebonne Ave., Apt. 9, Montreal	
Persad, H. S	B.Sc. 3	3542 Park Ave., Montreal	LA 6809
Peters, Edward S	Med. 4	3532 Lorne Ave., Montreal 177 Gower St., St. Johns, Nfld.	MA 5992
Peterson, Joseph Julius	Eng. 2	1311 Beaubien St., Montreal	DO 9895
Peterson, Miller Ashworth	Com. 3	2068 Sherbrooke St. W., Montreal	WI 7663
Petrie, Allison Elizabeth	B.Sc. 3	Royal Victoria College, Montreal 2117 Hope St., Calgary, Alta.	MA 9177
Petrie, Charles Byron	Med. 2	545 Pine Ave. W., Montreal Newcastle, N.B.	MA 1545
Petrie, J. Gordon	Med. 5	545 Pine Ave. W., Montreal Newcastle, N.B.	MA 1545
Petry, William A	Med. 5	3592 University St., Montreal 538 Washington St., Hudson, N.Y.	MA 4479
Phelan, Alice Catherine	Arts P	455 Clarke Ave., Westmount, Que.	WE 4118
Phelps, Frances Hayes	B.A. 3	1176 Sherbrooke St. W., Montreal 20 Rowena St., Boston, Mass.	MA 1447
Philbrook, Anna L	Med. 4	3462 St. Famille St., Montreal Meredith, N.H.	HA 1719
Phillips, Edward Rudolph	Med. 5	Apt. 59, 3421 Durocher St., Montreal	HA. 6526
Phillips, Frederick Rene	Eng. 4	26 Holton Ave., Westmount, Que.	FI 8050
Phillips, Robert Weston	Eng. 2	Chambly Canton, Que.	Cha. 78-W
Phillps, Florence Rossington	B.A. 3	Royal Victoria College, Montreal Princeton, N.J.	MA 9177
Picard, Robert I. C	Grad. Sch	426 Grosvenor Ave., Westmount, Que.	DE 5209
Pickering, Gala Carolyn	B.A. 4	Royal Victoria College, Montreal 36 Glen Avenue, Ottawa, Ont.	MA 9177
Pickett, Allison	Grad. Sch	Macdonald College, Que	St. Anne 87
Pierce, Henry Augustus	Med. 2	3535 Lorne Ave., Montreal 419 E. Hamilton St., Allentown, Pa.	MA 7969
*Pierce, Mildred Catherine	B.A. 1	4900 Connaught Ave., N.D.G., Que.	WA 9688
Pike, Florence Mildred	Grad. Nurse 1	1201 Dorchester St. W., Montreal	MA 7366
Pimenoff, Clement J	Grad. Sch	2196 Old Orchard Ave., Montreal	DE 3979
Pinkerton, Edwin Karley	Med. 5	3592 University St., Montreal 140 Third Ave. N., Yorkton, Sask.	MA 4479
Piotrowsky, Alexander A	Com. 1	1175 Champlain St., Montreal	CH 2801
Pistreich, Archie Saul	Eng. 2	5298 St. Urbain St., Montreal	
*Pitcher, Paul Brooks	B.A. 2	990 Queen Mary Road, Montreal	EL 6614
Pittis, Harold E	Med. 2	522 Prince Arthur St., Montreal Lakehurst, N.J.	HA 7437
Place, Harry Aylmer Lindsay	B.A. 3	141 Lakeshore Road, Pointe Claire, Que.	Pt. Cl. 395
Place, Ronald Edson Grenfell	B.A. 2	141 Lakeshore Road, Pointe Claire, Que.	Pt. Cl. 395
Platt, Muriel E	Grad. Sch	2007 Mansfield St., Montreal 72 Vernon St., Hartford, Conn.	LA 5073
Podlone, Charles Philip Patrick	B.Sc. 1	4055 Drolet St., Montreal	BE 1304
Poland, Frederick William	B.A. 4	139 Lazard Rd., Mount Royal, Que.	AT 4584W
Policoff, Abraham William	Med. 5	5150 Park Ave., Montreal	CR 7116
Pollack, Samuel Louis	B.Sc. 3	Berkeley Hotel, Sherbrooke St., Montreal 287 Grande Allée, Quebec, Que.	MA 7351
Pollard, S. L	Theol. 3	3640 Park Ave., Montreal	LA 3647
Pomerlian, Carl	Com. 3	4697 Jeanne Mance St., Montreal	PL 4463
Poole, Aquila James	Arts P	3473 University St., Montreal Belleoram, Nfld.	MA 3004
Poole, Gordon Dean	Eng. 4	30 Ballantyne Ave. S., Montreal	WA 0044F

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Pope, Francis Robert	Eng. 1	422 Metcalfe Ave., Westmount, Que.	WE 8103
Pope, John Howard	Eng. 2	3588 Jeanne Mance St., Montreal	PL 6828
		11 Harrison St., Melrose Hts., Mass.	
Popliger, Evelyn	B.A. 3	3472 Shuter St., Montreal	MA 2717
Porteous, George	Grad. Sch., Theol. 1	951 Davaar Ave., Outremont, Que.	AT 5285W
Porteous, John Foster	B.A. 4	6825 Blvd. Lasalle, Montreal	YO 0486
Porter, Kathleen Lawler	B.Sc. 2	64 St. Cyrille Ave., Montreal	AT 4121
Porter, Marguerite Clara	Phys. Ed. 2	Royal Victoria College, Montreal	MA 9177
		4077 W. 13th Ave., Vancouver, B.C.	
Posner, Hertha Florence	Soc. Workers 2	5366 Waverley St., Montreal	CR 3376
Potts, James Edward	Eng. 3	3609 University St., Montreal	MA 4300
		Stirling, Ont.	
Pounder, Elton Roy	B.Sc. 2	320 Central Y.M.C.A., Montreal	MA 4171
		Asbestos, Que.	
Powell, Edward C	Grad. Sch	3540 Hutchison St., Montreal	HA 7718
		Oxbow, Sask.	
Power, Elizabeth	B.A. 3	356 Kensington Ave., Westmount, Que.	FI 7347
Power, Richard M. H	Grad. Sch	370 Kensington Ave., Westmount, Que.	FI 2880
Powers, Gordon Charles	Med. 2	Apt. 1, 3513 Hutchison St., Montreal	MA 7644
		262 O'Dell Ave., Fredericton, N.B.	
Powers, Maurice	Med. 3	3462 Shuter St., Montreal	MA 7669
		Rockland, Ont.	
Prack, Alvin Ronald	Arch. 2	3578 University St., Montreal	MA 1074
		8 Freeman Place, Hamilton, Ont.	
Pratt, Robert John	Arch. 5	660 Dunlop Ave., Outremont, Que.	AT 2268
Prazoff, Israel Reuben	B.A. 4	6076 Hutchison St., Outremont, Que.	DO 4809
Prebble, Malcolm L	Grad. Sch	Macdonald College, Que.	St. Anne 87
Prefontaine, Pierre	Eng. 3	359 Kensington Ave., Westmount, Que.	FI 8023
Presner, Sylvia	B.A. 1	6 Park Place, Westmount, Que.	WE 2023-J
Price, Aubrey F	Grad. Sch	1441 Drummond St., Montreal	MA 4171
		Bridgetown, N.S.	
Price, Harold Buchanan	Eng. 4	3566 Lorne Ave., Montreal	MA 8812
Price, Peter	Grad. Sch	Dept. of Geology, McGill University.	MA 9181
		Cranbrook, B.C.	
Price, Ralph E	Med. 3	3462 Shuter St., Montreal	MA 7669
		64 Prince, Moncton, N.B.	
Price, Ralph Walter	Com. 4	1025 Sherbrooke St. W., Montreal, Que.	PL 6508
		119 Groveland, Minneapolis, Minn.	
Price, Robert William	Eng. 3	3506 University St., Montreal	MA 2055
		131 St. Clair Ave., Hamilton, Ont.	
Prince, William Morris	Med. 5	257 Dorchester St. W., Montreal	LA 9855
		New Boston, N.H.	
Prouty, Norman Reginald	B.A. 1	448 Argyle Ave., Montreal	
		132 Brite Ave., Scarsdale, New York	
Prowse, Alice R	Grad. Sch	1489 Atwater Ave., Montreal	WI 7734
		c/o Sir Wm. Lloyd, St. John's, Nfld.	
Puddington, John Curless	Com. 2	3605 University St., Montreal	MA 3101
		Grand Falls, N.B.	
Pugsley, Leonard I	Grad. Sch	554 Milton St., Montreal	
		Five Islands, N.S.	
Pugsley, William Howard	Com. 2	Berkeley Hotel, 1188 Sherbrooke St., Montreal	MA 7351
		31 Mackay St., Ottawa, Ont.	
Putnam, Adelaide D	Grad. Sch	Royal Victoria College, Montreal	MA 9177
		Sackville, N.B.	
Pye, Leslie Gordon	Com. 2	171 Notre Dame Ave., St. Lambert, Que.	St. La. 83-J
Pyke, Elizabeth Joyce	Arts P	3238 Westmount Blvd., Westmount, Que.	WE 8850
Pyke, Gordon Graeme	B.Sc. 2	3238 Westmount Blvd., Westmount, Que.	WE 8850
Quigley, Robert Webster	Eng. 3	3483 Peel St., Montreal	Pl. 3396
		1965 Hamilton St., Regina, Sask.	
Quinn, Louis James	B.A. 4, Med. 1	Apt. 5, 1511 Closse St., Montreal	WI 7601

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Quong, Sidney D	B.A. 3	Strathcona Hall, Montreal	LA 1567
		Canton City, China	
Rabbitts, Fred Thomas	B. Sc. 3	2020 Victoria St., Montreal	PL 8444
		10 Victoria St., St. Johns, Nfld.	
Rabiner, Ida Rita	B.A. 4	5965 Hutchison St., Montreal	DO 0949
Rabinovitch, Hilda Joy	B.A. 3, S.S.W. 1	7 Cote St. Catherine Road, Montreal	DO 8727
Rabinovitch, Rose	B.A. 1	2162 Sherbrooke St.W., Montreal	FI 3339
Rabnett, Basil	Eng. 1	2071 Peel St., Montreal	LA 9615
		10 Moor Place, Gosforth, England.	
Racey, Charles Alex. Irving	B.A. 2	65 Pine Ave., St. Lambert, Que.	St. La. 816
Ramsdale, Donald Osland Dallas	Eng. 3	51 Hallowell Ave., Westmount, Que.	WE 3377
Ramsden, Mary E	Grad. Sch	3466 University St., Montreal	MA 2608
		899 Waterloo St., London, Ont.	
Rand, Frank H	Grad. Sch	Y.M.C.A., Drummond St., Montreal.	MA 4171
		London, Eng.	Local 302
Randazzo, Anton Philip	Med. 5	2050 Victoria St., Montreal	LA 1798
		110 Park Place, Passaic, N.J.	
Randell, Ralph Livingstone	Med. 2	3485 McTavish St., Montreal	PL 1649
		316 East 4th St., Jamestown, N.Y.	
Rankin, Allan	Com. 1	5 Murray Ave., Westmount, Que.	WE 8869
Rankin, James L	Eng. 3	192 Logan St., St. Lambert, Que.	St. L. 509J
Rankin, Robert A	Grad. Sch	2521 Maplewood Ave., Outremont, Que.	AT 3359
Ransom, Rosmore Howard	Eng. 2	57 Somerville Ave., Westmount, Que.	EL 0563
Ransom, R. Malcolm	B.A. 2	57 Somerville Ave., Westmount, Que.	EL 0563
Rattray, Alexander Aitken	B.A. 1	Presbyterian College, Montreal	PL 1649
		247 Blackness Road, Dundee, Scotland.	
*Ravven, Henry	Eng. 1	4580 St. Urbain St., Montreal	Be. 7968F
Rawlings, Henry Millar F	Com. 1	3479 Stanley St., Montreal	PL 7576
Rawlinson, Herbert Edward	Grad. Sch	1515 McKay St., Montreal	PL 7803
		Dunblane, Sask.	
Raymond, Antonio	Eng. 3	540 Wiseman Ave., Outremont, Que.	AT 1667
Raymond, George Howard	Med. 2	640 Prince Arthur W., Montreal	MA 9531
		Charlottetown, P.E.I.	
Read, Ellen Lenore	B.A. 4	5462 Brodeur Ave., Montreal	WA 3373W
Read, Frances Elba Myrtle	Med. 4	1445 Bishop St., Montreal	LA 4591
		Cascumpec, P.E.I.	
Reaper, Margaret Helen	B.A. 1	3449 Melrose Ave., Montreal	EL 7098
Redpath, Huntly Roddick	B.A. 3	3637 University St., Montreal	MA 1824
		Pincher Creek, Alta.	
Reece, Alick Augustus	Med. 3	2036 City Councillors St., Montreal.	HA 8857
		48 Gordon St., Port of Spain, Trinidad, B.W.I.	
Reeks, Wilfred S	Grad. Sch	Macdonald College, Que	St. A. 87
Reeve, Herbert A	Grad. Sch	352 St. Joseph Blvd. W., Montreal.	DO 5785
Reid, Alan Arbuckle	Eng. 1	102 Vivian Ave., Mount Royal Que.	AT 3340F
Reid, Eleanor Elizabeth	B.A. 2	5022 Victoria Ave., Montreal	EL 2336
Reid, Ewart P	Grad. Sch	5022 Victoria Ave., Montreal	EL 2336
Reid, Regina Victoria	Grad. Sch	1425 Overdale Ave., Montreal	MA 5406
Reid, William Stanford	B.A. 2	619 Victoria Ave., Westmount, Que.	EL 3564
Reidberger, Anne E	Grad. Sch	Royal Victoria College, Montreal	MA 9177
Reider, Reuben	Med. 5	4875 Park Ave., Montreal	DO 4348
Remmer, John Hilton	Arch. 4	3506 University St., Montreal	MA 2055
		59 Wall St., Brockville, Ont.	
Renold, Peter	Eng. 2	Strathcona Hall, Montreal	LA 1567
		Turnfield, Cheadle, Cheshire, Eng.	
Renton, Hollis Alexander	Med. 3	2070 Mansfield St., Montreal	MA 2698
		17 George St., Sydney, N.S.	
*Revell, John Harold	Med. 1	522 Prince Arthur W., Montreal.	HA 7437
		1285 So. Lucerne, Los Angeles, Calif.	
Reynolds, George Kenly	Eng. 1	Suite 104, 4870 Cote des Neiges Road, Montreal.	EL 6454
Reynolds, Lloyd G	Grad. Sch	722 Sherbrooke St. W., Montreal	LA 1567
		Chauvin, Alberta.	

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Reynolds, Oliver C	Com. 1	Central Y.M.C.A., Montreal	MA 4171
		97 Daly Ave., Ottawa, Ont.	
Rice, John Henry Melville	Med. 4	257 Dorchester St. W., Montreal	LA 9855
		Bathurst, N.B.	
Rice, Joseph Donald	Eng. 1	5717 Second Ave., Rosemount, Que.	CH 6897
Richan, Ruth Irene	B.A. 3	114 Vivian Ave., Mount Royal, Que.	AT 2574
Richard, Donat	Arts P	654 Main St. West Warwick, Que.	
Richardson, Hope	B.Sc. 3	4320 Montrose Ave., Westmount, Que.	WE 1358
Richardson, Laurence R	Grad. Sch	5674-6th Ave., Rosemount, Montreal	CH 6987
Richardson, Ronald E	Grad. Sch	1441 Drummond St., Montreal	MA 4171
		Victoria Park, Calgary, Alta.	
Richardson, Seton L	Med. 5	1441 Drummond St., Montreal	MA 4171
		Copper Cliff, Ont.	
Riches, John Vernon	Med. 5	3485 Durocher St., Montreal	PL 1649
		207 Ninth St., Saskatoon, Sask.	
Richman, Harry	Med. 5	Apt. 17, 4250 Marcil Ave., N.D.G., Que.	WA 6444
		21-25 W. 110th St., New York, N.Y.	
Rickwood, Gerald Edward	B.Sc. 2	3547 University St., Montreal	MA 6915
		294 Waverley St., Ottawa, Ont.	
Riddell, John Evans	Eng. 1	St. Hilaire, Que.	Beloeil 68
Ridge, Evelyn Marian	B.A. 2	5612 Queen Mary Road, Montreal	EL 2810
Ridgeway, Doreen May	Arts P	Apt. 4, 1472 Bishop St., Montreal	MA 1403
Ripstein, Charles	B.Sc. 1	650 Murray Hill, Westmount, Que.	WE 6480
Ritchie, Arthur Stanley Crozier	B.A. 4	3506 University St., Montreal	LA 3356
		Methodist Manse, Skibbereen, Co. Cork, Ireland.	
Ritchie, Kenneth Stephen	B.A. 4, Med. 1	5576 Pie IX Blvd., Montreal	CL 5145W
Ritchie, Thomas Desmond C.	B.A. 3	3506 University St., Montreal	LA 3356
		The Manse, Skibbereen, Co. Cork, Ireland	
Rittenhouse, Charles	Grad. Sch	4467 Melrose Ave., Montreal	EL 2741
Rivenovich, I. R.	Eng. 3	446 Rigaud St., Montreal	HA 4795
Rivett, Louis Scott	Eng. 1	5 Argyle Ave., Montreal	MA 7638
		120, 4th St., Noranda, Que.	
Rix, Robert Rudolph	Med. 3	1196 Bishop St., Montreal	
		5306 Izard St., Omaha, Nebraska.	
Roberts, Gwen R. P	Grad Sch	Royal Victoria College, Montreal	MA 9177
		3 St. Andrew's Gardens, Toronto, Ont.	
Roberts, William Gordon	Com. 4	Apt. 3, 1477 Sherbrooke St. W., Montreal	FI 1348
		77 Elgin St., Granby, Que.	
Robertson, David Graham	B.Sc 2	653 Belmont Ave., Westmount, Que.	WE 4782
Robertson, Harold Rocke	Med. 1	3478 McTavish St., Montreal	PL 7412
		2326 Marine Drive, Vancouver, B.C.	
Robertson, Margaret F	Music	4932 Cote des Neiges Road, Montreal	EL 5624
Robertson, Thomas Dunbar	Law 1	4144 Dorchester St. W., Westmount, Que.	WE 5919W
Robillard, Claude	Eng. 1	3854 St. Hubert St., Montreal	LA 8663
Robin, Percival Albert	Med. 5	1488 Bishop St., Montreal	PL 4907
		131 Fulton Ave., Hempstead, N.Y.	
Robinett, James Bradley	Med. 4	545 Pine Ave. W., Montreal	MA 1545
		1505 Isabella Ave., Houston, Texas.	
Robitaille, Joseph	Eng. 3	2557 Sheppard St., Montreal	FR 5896
		Lavaltrie, Co. Berthier, Que.	
Rodger, David Edward	Med. 2	Strathcona Hall, Montreal	LA 1567
		205 Victoria St. E., Amherst, N.S.	
Rodger, Ruth Creelman	Com. 2	4058 Oxford Ave., Montreal	WA 6746M
Rogers, Adrian Spaulding	B.A. 1	1025 Sherbrooke St. W., Montreal	PL 6508
		Au Sable Forks, N.Y.	
Rolbin, Max	Eng. 3	3657 Henri Julien Ave., Montreal	HA 3019
Rollit, John B	Grad. Sch	4427 St. Catherine St. W., Westmount	WE 7964
Romans, Henry Manners	Arch. 1	4286 Sherbrooke St. W., Montreal	FI 8620
		Bear River, Digby Co., N.S.	
Rondeau, Ralph Conrad	Dent. 2	4211 St. Catherine St. W., Montreal	WE 2002
Rose, Alexander	Eng. 1	3806 Wilson Ave., Montreal	WA 2570
Rose, Arthur	Com. 3	274 St. Joseph Blvd. W., Montreal	DO 8782
Rose, Bram	Med. 4	4330 Sherbrooke St. W., Westmount, Que.	FI 9253

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Rosen, Charles	Med. 2	4664 Hutchison St., Montreal	DO 5651
Rosenbaum, Beatrice Ruth	B.A. 3	5442 Grove Hill Place, Montreal	WA 9394
Rosenberg, Harold	B.A. 3	5030 Jeanne Mance St., Montreal	DO 8892
Rosenberg, Solomon	B.Sc. 3	3866 City Hall Ave., Montreal	LA 3946
Rosenberg, Ruth	Phys. Ed. 2	29 St. Catherine Road, Outremont, Que.	DO 8724
Rosenthal, Robert Workman	Com. 4	Mount Royal Hotel, Montreal	PL 7777
		296 Metcalfe St., Ottawa, Ont.	
Ross, Archibald S	Grad. Sch	5491 Hutchison St., Montreal	CR 0771
		Park Hill, Ont.	
Ross, Arthur Le Breton	Eng. 4	3592 University St., Montreal	MA 4479
		Ship Canal, Sault Ste. Marie, Ont.	
Ross, Donald Mackenzie	Com. 2	3454 University St., Montreal	MA 0030
		214 Westminster Ave., Toronto, Ont.	
Ross, Dorothy J	Grad. Sch	367 Metcalfe Ave., Westmount, Que.	FI 0678
Ross, Douglas A	Grad. Sch	3589 Lorne Ave., Montreal	MA 5877
Ross, Douglas Robert	Med. 4	1622 Lincoln Ave., Montreal	FI 3254
		Drumheller, Alta.	
Ross, Herman Russell	Grad. Sch	3506 University St., Montreal	MA 2055
		New Haven, Vt.	
Ross, Kenneth Hulme	B.Sc. 3	3523 Lorne Ave., Montreal	MA 1532
		St. Ann's Bay, Jamaica, B.W.I.	
Ross, Margaret Lillian	Grad. Nurse 1	3466 University St. Montreal	MA 2608
		Eureka, R.R. No. 1, Pictou Co., N.S.	
Ross, Oakland K	Eng. 2	2070 Mansfield St., Montreal	MA 2968
Ross, W. Bruce	Grad. Sch	367 Metcalfe Ave., Westmount	FI 0678
Roston, Bram	B.A. 4	4507 Harvard Ave., N.D.G., Montreal	WA 6596
Rotman, Louis	B.Sc. 1	143 Villeneuve St. W., Montreal	DO 4319
Rountree, George M	Grad. Sch	445 Mount Stephen Ave., Westmount, Que.	WE 2883
Roussin, Lionel	Com. 3	Y.M.C.A., Room 333, Montreal	MA 4171,
		2 Braves Ave., Quebec, Que.	Local 333
Routtenberg, Constance	B.A. 4	4908 Hutchison St., Montreal	DO 5484
Routtenberg, Sara	Com. 1	1345 Lajoie Ave., Outremont, Que.	AT 7927
Rowan-Legge, Charles K	Med. 5	3473 University St., Montreal	MA 4902
		398 Tower Road, Halifax, N.S.	
Rowat, John Pozer	B.A. 4	572 Lansdowne Ave., Westmount, Que.	DE 6285
Rowley, Anne	B.A. 4	Royal Victoria College, Montreal	MA 9177
		Lake Edward, Que.	
Rowley, Elizabeth Marjorie	B.Sc. 2	St. Bruno, Que.	
Roy, Leo	Eng. 4	516 William David St., Montreal	
Roy, Norma Radford	B.A. 1	66 Forden Crescent, Westmount, Que.	WE 2139
Royal, Robert	B.Sc. 1	Apt. 3, 1480 McGill College Ave., Montreal	LA 7619
		101 Main St., Whitehall, N.Y.	
Royer, Jacques	B.Sc. 1	1990 Rachel St. E., Montreal	AM 1454
Rubin, Edward Bernard	B.A. 1	4250 Sherbrooke St. W., Montreal	WI 9943
*Rubinstein, Baruch	Eng. 1	5717 Esplanade Ave., Montreal	CR 7290
Rubin, Jack	Med. 1	1074 City Hall Ave., Montreal	LA 5615
Rudkin, Stanley Thomas	Eng. 2	772 Sherbrooke St. W., Montreal	LA 1567
		Box 76, Sandon, B.C.	
Rudoff, Hyman	B.Sc. 3	417 Sherbrooke St. W., Montreal	MA 3365
Ruff, Olive Louise	B.A. 3	Royal Victoria College, Montreal	MA 9177
		48 Union Ave., Amityville, N.Y.	
Russell, John K	Grad. Sch.	Apt. 3, 3566 Hutchison St., Montreal	LA 6941
		Lower Newcastle, N.B.	
Russell, Nelson Gorham	Med. 3	640 Prince Arthur W., Montreal	MA 9531
		407 Linwood Ave., Buffalo, N.Y.	
Rutherford, David Edward	Com. 1	Apt. 27, 1489 Mountain St., Montreal	PL 7620
		144 Forest Hill Road, Toronto, Ont.	
Rutherford, Gordon Anderson	Com. 2	465 Mount Pleasant Ave., Montreal	FI 6553
Ryan, Alice Kathleen	B.Sc. 2	6 Sunnyside Ave., Montreal	
Ryan, Jerome Joseph	Med. 4	418 Prince Arthur St. W., Montreal	HA 9580
		234 Mauran Ave., Providence, R.I.	

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Ryan, Leo Edward	Eng. 4	15 Sunnyside Ave., Westmount, Que.	
Ryan, Stephen Joseph	Med. 2	2066 Mansfield St., Montreal	LA 4702
		78 Wood St., Providence, R.I.	
Safford, Elizabeth	B.A. 1	Royal Victoria College, Montreal	MA 9177
		24 Leroy St., Potsdam, N.Y.	
Saibil, David	Med. 1, B.A 4	6147 Durocher Ave., Montreal	AT 5332
Saibil, Maurice	Med. 5	6147 Durocher Ave., Montreal	AT 5332
Saint-Denis, Rolland	Eng. 3	6640 Christophe Colomb, Montreal	DO 4148
Salisbury, Dorothy Esther	Lib. Sch	5998 Esplanade Ave., Montreal	CR 0296
		Vancouver, B.C.	
Sallans, Henry R	Grad. Sch	1492 Bishop St., Montreal	
		Dubuc, Sask.	
Salomon, Anna	B.A. 4	505 Grosvenor Ave., Westmount, Que.	WE 3978
Sampson, Robert Gerard	Law 1	628 Davaar Ave., Outremont, Que.	AT 1578
Sampson, James G	Grad. Sch	5210 Durocher Ave., Outremont, Que.	
Sancton, Edward Harvey	Eng. 4	60 Arlington Ave., Westmount, Que	WE 5749
Sancton, Richard	Eng. 4	60 Arlington Ave., Westmount, Que	WE 5749
Sanders, Herbert Lionel	B.Sc. 2	3897 St. Dominique St., Montreal	PL 2424
Sanderson, Joseph Lyon	Med. 3	539 Pine Ave. W., Montreal	MA 7818
		1540 Boston Blvd. W., Detroit, Mich.	
Santwan, Thomas D	Theol. S	1441 Drummond St., Montreal	MA 8331
Sangster, Andrew Gordon	Eng. 3	3517 Jeanne Mance St., Montreal	Pl. 6980
		100 Drummond St., Sherbrooke, Que.	
Sarault, Gilles Edouard	Eng. 2	Apt. 19, 1490 Bernard Ave., Outremont, Que	AT 5133J
Sare, James Reid	B.A. 1	1540 St. Mark St., Montreal	WI 2888
Saunders, Frederick Edward	Med. 2	510 Pine Ave., Montreal	HA 2970
		2905 Hemlock St., Vancouver, B.C.	
Saunders, George Rees	Eng. 2	215 Brock Ave N., Montreal West	WA 6938J
Saunders, Roderick Clifton	Com. 4	624 Dunlop Ave., Outremont, Que.	AT 1016
Saunders, Roy Arthur	Com. 3	4547 Hutchison St., Montreal	DO 7067
Saunderson, Hugh H	Grad. Sch	2007 Mansfield St. Apt. 30, Montreal	MA 9284
Saur, Eleanore	Grad. Sch	3189 Maplewood Ave., Apt. 10, Montreal	EL 5371
		Angsburg, Germany	
Savage, Mary Helen	B.A. 2	37 Church Hill, Montreal	WE 9342
Sbarbaro, Victor Eugene	Med. 1	3579 Hutchison St., Montreal	MA 9508
		Box 53, Weed, Calif.	
Sbragia, Orlando Olvido	Eng. 1	6960 Delanaudiere St., Montreal	CA 4442J
Scarlett, John Thomson	Com. 4	3434 McTavish St., Montreal	PL 6773
		94 Bay St. So., Hamilton, Ont.	
Scarrow, James A	Grad. Sch	3622 Park Ave., Montreal	HA 9630
		Wiarton, Ont.	
Schacher, Josephine	B.A. 4, Med. 1	159 Sherbrooke St. E., Montreal	LA 7585
Schacter, Miriam Sylvia	B.A. 1	314 Lansdowne Ave., Westmount, Que.	WE 3472
Schatz, Ruth Catherine	B.A. 1	Royal Victoria College, Montreal	MA 9177
		115 Academy St., Poughkeepsie, N.Y.	
Schear, Philip Minney	Eng. 1	4215 St. Urbain St., Montreal	PL 9886
Schecter, Nathan	B.Sc. 4, Med. 1	228 Querbes Ave., Outremont, Que.	AT 1579
		280 St. Andrew St., Ottawa, Ont.	
Schindler, Norman R	Grad. Sch	3454 Peel St., Montreal	PL 1674
		North Rhodesia, S.A.	
Schlemm, Leonard	B.Sc. 1	3029 St. Sulpice Road, Montreal	FI 4225
Schnebly, Clarence Dexter	Eng. 1	124 Brock Ave. N., Montreal West, Que.	WA 1067
Schnee, Charles Frederick	Med. 4	539 Pine Ave. W., Montreal	MA 7818
		52-36, 70th St., Maspeth, L.I.	
Schnyder, Max	Eng. 1	1068 Mackay St., Montreal	MA 6488
		Biel 7, Switzerland.	
Schofield, Robert John G	Eng. 2	340 Ballantyne N., Montreal West, Que.	WA 1673
Schofield, William	Eng. 3	5333 Hutchison St., Montreal	CR 8189
Schubert, Laura	B.A. 4	206 Pine Ave. E., Montreal	HA 9949
Schuman, Nora	Arts P	759 Lansdowne Ave., Westmount, Que.	
Schwab, Jean G	Grad. Sch	235 Melville Ave., Westmount, Que.	WE 6219
Schwarzbard, Samuel	B.A. 3	4302 St. Urbain St., Montreal	BE 1809W
Schwartz, Arthur G.	Med. 3	756B Querbes Ave., Outremont, Que.	AT 5205W

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Schwartz, Maxwell A	Grad. Sch	5010 Sherbrooke St. W., Montreal	WE 4426
Scoggan, Homer John	B.Sc. 2	9 Broadway Ave., Montreal East, Que.	Pt. aux Tr. 344
Scott, David George	Com. 4	6119 Jeanne Mance St., Montreal	WA 6265
Scott, Henry	Med. 5	522 Prince Arthur St. W., Montreal	HA 7437
		Newbliss, Ireland.	
Scott, Philip Hays	B.Sc. 2	3526 Mountain St., Montreal	LA 5007
Scott, W. Douglas	B.Sc. 2	487 Grosvenor Ave., Westmount, Que.	WE 7369
Sedgewick, Carl Mackenzie	Com. 1	Strathcona Hall, Montreal	LA 1567
		94 Binscarth Road, Toronto, Ont.	
Sedlezky, Isadore	B.Sc. 1	782 Mountain St., Montreal	FI 0227
Seely, Edgar T. H	Grad. Sch	7 Torraine Ave., Westmount, Que	WE 4627
Seely, Margot Vail	B.A. 1	1036 Seaforth Ave., Montreal	FI 1313
Seifert, Howard Benj	B.Sc. 1	3506 University St., Montreal	MA 2055
		116 St. Cyrille St., Quebec, Que.	
Seime, Reuben Ingmar	Med. 1	Apt. 4, 3578 Shuter St., Montreal	LA 1588
		750 S. Main St., Viroque, Wis.	
Selkirk, Elspeth Brown R	B.A. 1	7131 Lasalle Blvd., Verdun, Que	YO 6450M
Sellar, William	B.A. 4	4032 Hampton Ave., Montreal	WA 2577
Seltzer, Joseph	Med. 2	4835 Esplanade Ave., Montreal	DO 3028
Senecal, Alphonse Leonard	Med. 4	640 Prince Arthur W., Montreal	MA 9531
		30 Court St., Plattsburg, N.Y.	
Sercarz, A	Theol. 2	3473 University St., Montreal	MA 4902
Seybold, Hugh Gordon	Eng. 3	331 Lansdowne Ave., Westmount, Que.	WE 8896
Seymour, Stanley Liddelow	Med. 2	3419 University St., Montreal	MA 3089
		271 George St., Belleville, Ont.	
Shaffer, Harold	Com. 4	3508 Durocher St., Montreal	LA 8993
		19 Marlborough Ave., Ottawa, Ont.	
Shallcross, John Francis R	Com. 4	3429 Peel St., Montreal	PL 7385
		3738 Granville St., Vancouver, B.C.	
Shandro, William Alexander	Med. 4	3583 Hutchison St., Montreal	
		Shandro, Alta.	
Shannon, Winnafrede Anna	Arts P	3193 Westmount Blvd., Westmount, Que.	FI 6548
		Hillside, Killiney, Ireland.	
Shapiro, Clarence Harris	Eng. 4	1446 Bishop St., Montreal	PL 4492
		Yarmouth, N.S.	
Shapiro, Gerald Sherwin	B.A. 4	3549 Addington Ave., Montreal	WA 4463
Shapiro, Lorne	B.A. 2	42 Anwoth Road, Westmount, Que.	WE 6549
Shapiro, Louis A	Med. 5	6423 Papineau Ave., Montreal	CA 9745M
Shapiro, Simon Burton	Med. 3	5415 Jeanne Mance St., Montreal	CR 7226
Sharkey, Sidney James	B.A. 2	2090 Peel St., Montreal	LA 9885
Sharp, George Arnold	Com. 4	72 Belmont Cres., Westmount, Que.	WE 2973
Sharp, Louis Inman	Med. 2	3433 Peel St., Montreal	PL 2073
		Manhasset, L.I.	
Shaw, Audrey Kathleen	B.A. 1	205 Cote St. Catherine Road, Montreal	DO 6789
Shaw, Edward Duff	Med. 3	545 Prince Arthur St. W., Montreal	MA 1545
		2271 McIntyre St., Regina, Sask.	
Shaw, Fred William Brown	Eng. 2	167 Birch Ave., St. Lambert, Que.	St. L. 186
Shaw, Hampden Crossley	B.Sc. 4	4493 Sherbrooke St., Westmount, Que.	WE 0249
Shaw, Keith Walker	B.Sc. 1	448 Lansdowne Ave., Westmount, Que.	WE 2391
Shaw, Robert Fletcher	Eng. 3	3454 Peel St., Montreal	PL 1674
		c/o Bank of Montreal, Revelstoke, B.C.	
Shean, Vida M	Arts P	74 Columbia Ave., Westmount, Que.	WE 1187F
Shearwood, Alexander P	Eng. 4, Arts P	120 Aberdeen Ave., Westmount, Que.	WE 2777
Shechter, Esther	B.Sc. 1	96 St. Louis St., Lachine, Que.	
Shecter, Arthur	B.A. 4	508 Bloomfield Ave., Outremont, Que.	AT 3371F
		96 St. Louis St., Lachine, Que.	
Shector, Lindley	B.Sc. 1	522 McEachern Ave., Outremont, Que.	AT 5016
Shelly, William Burton	B.Sc. 1	3523 Lorne Ave., Montreal	MA 1532
		1563 Matthews Ave., Vancouver, B.C.	
Shepard, Clarence Day	B.A. 1	3637 University St., Montreal	MA 1824
		10 Amherst St., Winnipeg, Man.	
Shepherd, Celia L	Music	4605 Rosedale Ave., Montreal	WA 1661

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Shepherd, Grosvenor Harry	Med. 3	3531 Jeanne Mance St., Montreal	PL 2644
		561 Belle Isle View Blvd., Riverside, Ont.	
Shepherd, John Haliburton	B.A. 1	3516 Northcliffe Ave., Montreal	EL 0821
Sheppard, Helen Audrey	Arts P	533 Prince Arthur St. W., Montreal	MA 7263
		88 George St., Sorel, Que.	
Sheps, Louis J	Grad. Sch	5210 Queen Mary Road, Montreal	EL 9556
		817 College Ave., Winnipeg, Man.	
Sherlock, Grace	B.A. 2	4377 Madison Ave., Montreal	
Shiells, Cheridah Iona Ann	B.A. 2	2183 Harvard Ave., Montreal	DE 1966
Shirley, Elizabeth Charlotte	Grad. Nurse 1	Blue Triangle, Y.W.C.A., Montreal	MA 7366 Local 2
Shister, Hyman	Med. 5	5497 St. Urbain St., Montreal	CR 9422
Short, Constance Garner	B.A. 3	729 Upper Belmont Ave., Westmount, Que.	EL 3233
Shortall, J. Desmond	Eng. 2	5094 Cote St. Antoine Rd., Montreal	WE 3710
Shragovitch, Israel	B.A. 1	6151 Durocher Ave., Montreal	DO 3638
Shuirman, Gilbert	Dent. 1	1202 Lajoie St., Outremont, Que.	AT 6906
Shuster, Samuel	Med. 1	3699 St. Lawrence Blvd., Montreal	PL 5525
Shute, Arthur Whitehead	Eng. 2	1610 Sherbrooke St. W., Montreal	FI 6241
Shute, William Turney W	B.A. 2	1610 Sherbrooke St. W., Montreal	FI 6241
Siegel, Nathan	Eng. 4	3507 University St., Montreal	PL 8709
		Glace Bay, N.S.	
Silver, Adeline	Music	4161 Beaconsfield Ave., Montreal	WA 2931
Silver, Samuel	B.A. 2	4261 Laval Ave., Montreal	
Silverstone, Ralph	B.Sc. 1	278 Querbes Ave., Outremont, Que.	AT 1134
Siminovitch, Jack	Med. 2	5115 Esplanade Ave., Montreal	CR 7053
Simon, Helen	B.A. 2	40 Elmwood Ave., Montreal	AT 4671
Simpson, Eleanor Alice	B.A. 3	Royal Victoria College, Montreal	MA 9177
		93 Park Ave., Quebec, Que.	
Simpson, Howard Spear	B.A. 1	34 Winchester Ave., Westmount, Que.	DE 2608
Simpson, Hugh Lindsay	Arts P	Presbyterian College, Montreal	PL 1649
		Presbyterian Manse, R.R. 5, Pembroke, Ont.	
Simpson, Roger Graham	Med. 3	406 Pine Ave. W., Montreal	HA 3713
		201 Tunnel Road, Berkeley, Calif.	
Sinclair, Tennyson Byron	Med. 5	1873 Sherbrooke St. E., Montreal	FR 5144
		70a King St., Kingston, Jamaica, B.W.I.	
Sinnott, Gerald Winberry	Med. 1	Apt. 8, 2058 Metcalfe St., Montreal	HA 1022
		47 Hudson Terrace, N., Tarrytown, N.Y.	
Skaperdas, George Theodore	B.Sc. 1	540 St. Catherine Road, Montreal	AT 3924
Skelly, Patrick John	Eng. 4	2322 Coursol St., Montreal	WI 0673
Skinner, Joan Mimi	B.A. 1	4516 Marcil Ave., Montreal	EL 5549
Skinner, Norman Stewart	Med. 4	3483 Peel St., Montreal	PL 3396
		19 Coburg St., Saint John, N.B.	
Slapack, Max	Law 3	6020 Esplanade Ave., Montreal	CR 2917
Slatkoff, William Reginald	Med. 3	5331 Park Ave., Montreal	CR 8429
Slattery, Timothy Patrick	Law 1	63 Prospect St., Westmount, Que.	WE 1948
Slessor, Ida Lorraine	B.A. 2	628 Murray Hill, Westmount, Que.	WE 1690
Smaill, Donald William	Med. 2	Apt. 75, 3525 Durocher St., Montreal	LA 0636
		167 Holmwood Ave., Ottawa, Ont.	
Smaill, Stanton Sutherland	B.Sc. 1	3608 Oxenden Ave., Montreal	MA 6913
		Huntingdon, Que.	
Smart, Leon Anderson	B.A. 3	844 Chatham St., Montreal	WI 5749
		18 Brentford Road, Cross Roads, Jamaica, B.W.I.	
Smellie, William Henry	Com. 4	772 Sherbrooke St. W., Montreal	LA. 1567
		Arundel, Que.	
Smiley, George Willimott	B.Sc. 1	136 Edison Ave., St. Lambert, Que.	St. L. 166
Smit, John Surman	Med. 5	772 Sherbrooke St., Montreal	LA 1567
		74 St. Swithin's Ave., Auckland Park, Johannesburg, South Africa.	
Smith, Allan Turner	Arts P	Apt. 8, 3477 Shuter St., Montreal	MA 6745
Smith, Arthur Frederick Neal	Eng. 3	6612 Decarie Blvd., Montreal	EL 1591
		2279 Athol St., Regina, Sask.	
Smith, A. Macrae	Med. 1	Apt. 10, 495 Prince Arthur St., Montreal	LA 0771
		130 So. Forest St., Bellingham, Wash.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Smith, Charles Bruce	Eng. 1	3605 University St., Montreal 89 Addison Road, London W. 14, Eng.	MA 3101
Smith, Charles Hodges	B.Sc. 1	65 Lincoln Ave., Montreal Clifton, N.J.	
Smith, Charles Vernon	Eng. 1	3601 University St., Montreal 189 Coleraine Road, Thetford Mines, Que.	
Smith, Eunice Rosa Dora	B.A. 4	Royal Victoria College, Montreal Clarenceville, Que.	MA 9177
Smith, Harry Samuel	Med. 1	2039 University St., Montreal South Brookfield, N.S.	MA 0219
Smith, Helen Margaret	Grad Nurse 1	3466 University St., Montreal Perth, Ont.	MA 2608
Smith, Henry Drummond	B.A. 1	3581 University St., Montreal Hawkesbury, Ont.	MA 3842
Smith, Jean Marshall	B.A. 1	4412 Delorimier Ave., Montreal	AM 2392
Smith, John Rutherford	B.A. 2	5233 Waverley St., Montreal	CR 4909
Smith, Katharine E	B.A. 3	Royal Victoria College, Montreal 85 Elgin St., Granby, Que.	MA 9177
Smith, Maurice Raymond	B.Sc. 1	2374 Hampton Ave., N.D.G., Montreal	WA 8425
Smith, Mona Isabel	Grad. Nurse 1	Blue Triangle, Y.W.C.A., Montreal Cupids, Conception Bay, Nfld.	MA 7366 Local 2
Smith, Norman Janson Winder	Eng. 4	Kent Apts., 648 Sherbrooke St., Montreal Officers' Mess, R.A. Park, Halifax, N.S.	MA 5472
Smith, Odric Henry	Eng. 1	11 Melbourne Ave., Westmount, Que.	WE 4952
Smith, Pauline Beman	Phys. Ed. 1	Royal Victoria College, Montreal 88 Church St., Moncton, N.B.	MA 9177
Smith, P. Durnford P	B.Sc. 2	42 Windsor Ave., Westmount, Que.	DE 2022
Smith, Ralph Leaman	Med. 4	751a Querbes Ave., Outremont, Que.	DO 1700
Smith, R. Douglas	Theol. 3	2224 Clifton Ave., Montreal	WA 8245
Smith, Ronald Harper	B.A. 4	4830 Victoria Ave., Montreal	EL 1093
Smyth, Desmond H	Grad. P	151 Abbott Ave., Westmount, Que.	
Smyth, Henry Lyall Ross	Eng. 4	4822 Western Ave., Westmount, Que.	WE 4218
Smyth, John Norman	B.Sc. 4	3508 University St., Montreal	MA 2867
Smyth, Kenneth Graham	Com. 2	Strathcona Hall, Montreal 1039 Gladstone Ave., Ottawa, Ont.	LA 1567
Snelgrove, John Harold	B.Sc. 2	4011 Grey Ave., Montreal	EL 7250
Snell, Arthur H	Grad. Sch	Physics Bldg., McGill University, Montreal Macdonald College, Que.	MA 9181 St. Annes 137
Snowdon, Merle	Phys. Ed. 2	337 Grosvenor Ave., Westmount, Que.	WE 1929
Snowdon, Virginia Cecil	B.A. 3	337 Grosvenor Ave., Westmount, Que	WE 1929
Snyder, Howard Percival	Med. 1	538 Prince Arthur St. W., Montreal 6 East Union Ave., Bound Brook, N.J.	PL 1773
Snyder, John K	Grad. Sch	104 Cardinal Ave., St. Laurent, Que.	BY 0699
Somerville, L. F	Grad. Sch	Apt. 5, 3538 Shuter St., Montreal 60 Frank St., Ottawa, Ont.	MA 5483
Southwood, Harold Thomas	Dent. 1	3506 University St., Montreal Richmond, Que.	MA 2055
Spanagel, Edgar W	Grad. Sch	3555 University St., Montreal	
*Sparkes, Allan Tasker	B.Sc. 3	2020 Victoria St., Montreal 33 Golf Ave., St. John's, Nfld.	
Sparkes, Jack	Dent. 3	3443 Ste. Famille St., Montreal Golf Ave., St. John's, Nfld.	PL 5096
Sparks, George Noble Bryan	Eng. 1	4296 St. Catherine St. W., Montreal	WE 8598
Sprague, John Hibbard	Med. 3	772 Sherbrooke St. W., Montreal 38 Merchants' St., Barre, Vt.	LA 1567
Spier, Jane Dickson	Grad. Sch	3492 Peel St., Montreal North Hatley, Que.	PL 6949
Spratt, John Fenton	B.Sc. 1	1441 Drummond St., Montreal Billings Bridge, Ont.	MA 4171
Sprenger, Eric Aloys	Arts P	4342 Beaconsfield Ave., Montreal	EL 2454

*Left early in the ssesion.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Sprenger, William Paterson	Law 1	4342 Beaconsfield Ave., Montreal	EL 2454
Sprinkle, Jacqueline Hull	Arts P	1461 Mountain St., Montreal	LA 7872
Sprinkle, John Ellington	Arch. 2	Apt. 8, 1461 Mountain St., Montreal	LA 7872
Sprott, Wilda Agnes	B.A. 1	4482 Wilson Ave., Montreal	EL 2452
Sproule, Dorothea A.	Soc. Workers 2	2365 Grand Trunk St., Montreal	WI 6202
Stadler, John Charles	Eng. 4	11009, 85th Ave., Edmonton, Alta. 4334 Westmount Ave., Westmount, Que.	WE 5947
Stall, William	Com. 2	23 Villeneuve St. W., Montreal	BE 7503
Stallman, Annie Dorothy	B.Sc. 3	3476 De Bullion St., Montreal	LA 2587
Standish, Malcolm	B.Sc. 1	Strathcona Hall, Montreal Magog, Que.	LA 1567
Stanley, Kathlyn Ray	B.A. 2	478 Cote St. Antoine Road, Westmount, Que	WE 1138
Stannard, Charles Francis	Eng. 1	715 Godin Ave., Verdun, Que	YO 2306
Stedham, Louise	Grad. Nurse 1	c/o Shriners' Hospital, Cedar Ave., Montreal	PL 4464
Stedman, Ernest Walter	Eng. P	2075 Lincoln Ave., Montreal. University Club, Montreal	LA 0201
Steel, James Sinclair	B.Sc. 1	114 Lisgar St., Ottawa, Ont.	
Steeler, Sydney Hazel	Arts P	3538 Shuter St., Apt. 2, Montreal	PL 8438
Steeves, L. Reginald	Grad. Sch	65 Forden Ave., Westmount, Que	WE 4454
		390 Grosvenor Ave., Westmount, Que.	WE 7351
Stein, Harry	Com. 2	99 Cameron St., Moncton, N.B.	
Stein, Marcus	Eng. 2	4416 St. Urbain St., Montreal	BE 5383
Stein, Sam	B.A. 3	3849 St. Urbain St., Montreal	PL 3044
Steinberg, Estelle Hannah	B.A. 3	5506 Hutchison St., Montreal	CR 3670
Steinberg, Florence	Arts P	4604 Hutchison St., Montreal	DO 3310
Stephens, Frances Elizabeth	B.A. 2	4007 Marlowe Ave., Montreal	WA 7386
Stevens, Charles Frederick B.	B.Sc. 2	1371 Pine Ave. W., Montreal	PL 5977
Stevens, Mary Angeline	B.A. 1	493 Argyle Ave., Westmount, Que	WE 5292
		Royal Victoria College, Montreal	MA 9177
Stevens, Raymond Earl	Med. 4	Bedford, Que.	
Stevenson, Elizabeth	Phys. Ed. 1	418 Prince Arthur St. W., Montreal	HA 9580
		Royal Victoria College, Montreal	MA 9177
Stevenson, Elizabeth Jean	B.Sc. 2	90 Charlotte St., Sydney, N.S. Royal Victoria College, Montreal	MA 9177
Stevenson, Robert Lea	Com. 3	94 de Salaberry Ave., Quebec, Que. Strathcona Hall, Montreal	LA 1567
Stewart, Beatrice Walton	B.A. 2	Simcoe, Ont. 2 Summerhill Terrace, Montreal	FI 3948
Stewart, Helen Douglas	B.A. 1	4742 Grosvenor Ave., Montreal	EL 6528
Stewart, Isabel	B.A. 1	Royal Victoria College, Montreal	MA 9177
Stewart, James Gibb	Law 1	1 Walden Place, Montclair, N.J.	
Stewart, Laura Ferguson	B.A. 2	1170 Mountain St., Montreal	PL 7467
Stewart, LeVilo M.	B.A. 2	464 Wood Ave., Montreal	FI 5972
Stewart, Marie Isabella	B.A. 3	Apt. 2, 1474 Fort St., Montreal	WI 4361
		Apt. 41, 4162 Sherbrooke St. W., Montreal	FI 1371
Stewart, Russell A.	B.Sc. 2	200 Clemow Ave., Ottawa, Ont.	
Stewart, William Allan	Med. 4	3506 University St., Montreal	MA 2055
Stewart, William W.	Grad. Sch	Kinburn, Ont. 1235 Crescent St., Apt. 7, Montreal	MA 8203
Stikeman, Harry Heward	B.A. 1	25 St. James St., Saint John, N.B.	
Stiles, Esmond	Med. 3	1 Redpath Row, Montreal	FI 4043
		3489 Shuter St., Montreal	PL 7320
Stiles, George William	Eng. 1	R.R. No. 2, Moncton, N.B.	
		2030 McGill College Ave., Montreal	LA 8394
Stobart, Walter T	Grad. Sch	Matapedia, Que.	
Stockman, Eileen	Music	4045 Lanouette St., Verdun, Que	YO 8119J
Stone, Archibald Campbell	B.A. 2	4385 Old Orchard Ave., Montreal	EL 3371
		3637 University St., Montreal	MA 1824
Stone, Fred. V.	Grad. Sch	Chatham, Ont. 3436 Durocher St., Montreal	MA 8846
Stovel, Henry V.	Grad. Sch	Alix, Alta. 1441 Drummond St., Montreal	MA 4171
Stovel, Joseph Hodder	Eng. 1	Winnipeg, Man. 3581 University St., Montreal	MA 3842
		South Porcupine, Ont.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Strachan, Mary Elizabeth	B.A. 3	641 Belmont Ave., Westmount, Que.	WE 2179
Strauss, Rubin	Med. 3	3924 Drolet St., Montreal	PL 7369
Stryble, Francis John	Med. 2	510 Pine Ave. W., Montreal	HA 2970
		686, 17th St., Oakland, Calif.	
Stuart, Edwin Alexander	Med. 4	3532 Lorne Ave., Montreal	MA 5992
		Fredericton Jct., N.B.	
Stuart, Emmert C.	Med. 3	545 Pine Ave. W., Montreal	MA 1545
		Hawthorne, Winchester, Va.	
Stuart, Francis Linton	Com. 3	4355 Westmount Ave., Westmount, Que.	WE 8098
Sturdee, Charles Parker	Eng. 2	3454 Peel St., Montreal	PL 1674
		1250 W. 32nd Ave., Vancouver, B.C.	
Stursberg, Arthur Lewis Peter	B.Sc. 2	11 Cedar Ave., Pointe Claire, Que.	PtClair 470
Styles, Arthur Dennis	B.A. 2	421 Prince Arthur St. W., Montreal	HA 8900
Styles, William Thomas	Com. 1	421 Prince Arthur St. W., Montreal	HA 8900
Sugars, William A.	B.A. 2	4344 King Edward Ave., Montreal	WA 2514
Sullivan, Raymond Francis	Med. 4	3454 Hutchison St., Montreal	MA 2089
		35 Taylor St., Holyoke, Mass.	
Sullivan, Sheilagh Cleaver	Arts P	1374 Sherbrooke St. W., Montreal	PL 3453
Sumner, George	Eng. 2	648 Grosvenor Ave.,Westmount, Que.	EL 4772
Surveyer, Madeleine	Arts P	Apt. 120A, 1321 Sherbrooke St. W., Montreal	PL 5979
Sutherland, Amy Elizabeth	B.A. 3	28 Arlington Ave., Westmount, Que.	WE 2693
Sutherland, George F.	Grad. Sch.	3417 University St., Montreal	MA 2812
		1836 Matthews Ave., Vancouver, B.C.	
Sutherland, John W.	Grad. Sch.	410 Sherbrooke St. W., Apt. 2, Montreal	
		Pictou, N.S.	
Sutherland, Roderick Watt	B.A. 4	Apt. 16, 1537 St. Matthew St., Montreal	WI 8621
Sutherland, William S.	B.A. 1	Presbyterian College, Montreal	MA 2760
Sutton, Gerald Lawrence	Med. 2	10434 Delorimier Ave., Montreal	DU 3226
Suyu, James Wong	Arch. 1	1080 Chenneville St., Montreal	LA 2586
Swartz, Joseph Norman	Eng. 2	Apt. 4, 5283 Park Ave., Montreal	CR 8934
		1401 Ford St., Fort William, Ont.	
Swift, John William	Eng. 1	642 Belmont Ave., Westmount, Que.	WE 0783
Swift, Lionel	Eng. 2	3523 Lorne Ave., Montreal	MA 1532
		101 Cascade Ave., Shawinigan Falls, Que.	
Tabah, Joseph	B.A. 1	4285 St. Hubert St., Montreal	FR 8620
Taft, Albert Hamilton	Med. 5	3490 Shuter St., Montreal	MA 2898
		Winchester, N.H.	
Taggart, Mary M.	B.A. 4	2320 Lincoln Ave., Montreal	WI 5872
		211 Clemow Ave., Ottawa, Ont.	
Tait, Alexander Hunter	Eng. 2	4308 Montrose Ave., Westmount, Que.	FI 2976
Tait, Elizabeth J.	B.A. 2	4308 Montrose Ave., Westmount, Que.	FI 2976
Tait, Helga	B.Sc. 4	467 Lansdowne Ave., Westmount, Que.	WE 1888W
Tait, Ragnhild	B.A. 2	467 Lansdowne Ave., Westmount, Que.	WE 1888W
Tait, William Maxwell	B.A. 2	2276 Regent Ave., Montreal	WA 7428
Talbot, Allan Douglas	B.A. 3	92 Lorne Ave., St. Lambert, Que.	StLam181
Talbot, Ernest Joseph	Arts P	1225 St. Mark St., Montreal	WI 4724
		Box 444, Valleyfield, Que.	
Talpis, Harry Joseph	Com. 4	50 Arlington Ave., Westmount, Que.	WE 7599
Tannenbaum, Joseph	Eng. 2	5344 Jeanne Mance St., Montreal	CR 0197
Tansey, J. Gordon	Com. 4	3236 Westmount Blvd., Westmount, Que.	WE 2800
Tapp, James S.	Grad. Sch.	3555 University St., Montreal	MA 7918
		Hensall, Ont.	
Tarbox, Byron R.	Med. 5	640 Prince Arthur St. W., Montreal	MA 9531
		619 No. Center Ave., Miles City, Mont.	
Tarlov, Isadore M.	Grad. Sch.	Royal Victoria Hospital, Montreal	PL 1251
Tasker, Mary Lorraine	B.A. 1	3578 Lorne Ave., Montreal	MA 2093
Taylor, Cyril Maxwell	Arch. 4	3506 University St., Montreal	MA 2055
		248 King St. E., Brockville, Ont.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Taylor, Jean Patterson	B.A. 3	599 Roslyn Ave., Westmount, Que.	EL 4167
Taylor, John Howard	Eng. 1	Apt. 1, 2075 Lincoln Ave., Montreal	FI 5594
Taylor, Muriel	Arts P	31 Barat Road, Westmount, Que.	FI 0962
Taylor, William Ronald	Med. 1	515 Pine Ave., Montreal	LA 7654
		226 Douglas Ave., Saint John, N.B.	
Teakle, Cecil T	Arts P	2080 Lincoln Ave., Montreal	WI 6718
Tedford, Edmund Hayward	Eng. 3	512 Victoria Ave., Westmount, Que.	WE 8100
Tees, Herbert Henry	B.A. 3	4128 Harvard Ave., N.D.G., Montreal	WA 1581
Tees, Ralph Charles	Com. 3	1164 Lajoie Ave., Outremont, Que.	AT 5344
Temple, Jocelyn Beatrice	B.A. 3	2 Redpath Row, Montreal	FI 2841
Temple, May Vincent	B.A. 4	Royal Victoria College, Montreal	MA 9177
		23 Craigmillar Ave., St. John's, Nfld.	
Temple-Hill, Lionel	B.A. 1	466 Claremont Ave., Westmount, Que.	WE 3130
Tessier, Norman Valmore	Eng. 1	2043 Jeanne Mance St., Montreal	HA 2323
Theobald, Louis Cyrus	Med. 1	3629 Lorne Crescent, Montreal	MA 6587
		Potsdam, N.Y.	
Thibodeau, Jean Joseph E. M.	Arch. 5	5574 Park Ave., Montreal	CR 0349
Thom, William Wylie	Com. 1	538 Cote St. Antoine Road, Montreal	WE 4055
Thomas, Belmont Edmond	Med. 2	Apt. 3, 3500 Durocher St., Montreal	PL 9103
		201 W. Morris St., Bath, N.Y.	
Thomas, George Henry	Eng. 2	570 Claremont Ave., Westmount, Que.	DE 1305
		39 Brighton Ave., Ottawa, Ont.	
Thomas, Henry Swartz	Med. 2	67 Ballantyne Ave., Montreal West, Que	WA 8892
		Spring City, Penna.	
Thomas, Irwin E	Grad. Sch	Macdonald College, Que.	StAnne 87
		159 Humber Crest Blvd., Toronto, Ont.	
Thomas, William	B.A. 4	2303 Hampton Ave., N.D.G., Montreal	WA 1805W
Thompson, Arthur Bacon	Med. 1	3631 Lorne Crescent, Montreal	PL 7930
		81 Main St., Lapin, Mich.	
Thompson, Ernest Devine	Med. 5	2050 Victoria St., Montreal	LA 1798
		68 Pocasset Ave., Providence, R.I.	
Thompson, Helen Muriel M.	B.A. 2	4481 Montrose Ave., Westmount, Que.	WE 5000
Thompson, Lois Annie	B.A. 3	Royal Victoria College, Montreal	MA 9177
		St. Andrews, N.B.	
Thompson, Robert	Eng. 1	157, 17th Ave., Lachine, Que.	Lach 203M
Thompson, Robert R	Grad. Sch	Macdonald College, Que	StAnne 166
Thompson, Winifred	Grad. P	157, 17th Ave., Lachine, Que	Lach 203M
Thomson, John Strathearn H.	Com. 1	3417 University St., Montreal	MA 2812
		15 Herkimer St., Hamilton, Ont.	
Thornton, Robert L	Grad. Sch	Rosemere, Que.	
Thorpe, Benjamin H	Grad. Sch	25 de l'Épée Ave., Apt. 10, Outremont, Que.	CR 8931
Thurston, Arthur Munroe	B.Sc. 1	152 Percival Ave., Montreal West, Que.	WA 2194M
Ticoll, Louis	B.Sc. 2	4345 Clarke St., Montreal	BE 9003
Tinkler, Howard Hymen	Eng. 3	3474 De Bullion St., Montreal	LA 5538
Tipler, Robert Joseph J	Med. 1	538 Prince Arthur St. W., Montreal.	PL 1773
		10024 Longwood Drive, Chicago, Ill.	
Titleman, Morton S	Eng. 4	4387 St. Urbain St., Montreal	BE 7373W
Tobin, John C	Grad. Sch	3652 Durocher St., Montreal	LA 5487
Toby, Charlotte G.	Grad. Sch	3429 St. Famille St., Montreal	PL 6807
		Edmonton, Alta.	
Toll, Marselius Wilson	B.Sc. 1	3592 University St., Montreal	MA 4479
		1386 Beyes Ave., Schenectady, N.Y.	
Tomlinson, George Herbert	Grad. P	31 Holton Ave., Westmount, Que	FI 6410
Tooke, Gretchen Morecroft	B.A. 3	4 Hudson Ave., Westmount, Que	WE 2994
Tortolani, Aresto Peter	Med. 3	2064 Mansfield St., Montreal	LA 6825
		14 Parade St., Providence, R.I.	
Tough, David L	Grad. Sch	Apt. 55, 3421 Durocher St., Montreal.	PL 2946
		Paris, Ont.	
Townsend, Eleanor Graham	B.A. 1	95 McCulloch Ave., Outremont, Que.	AT 5724
Townsend, Isabel Margaret	B.A. 4	95 McCulloch Ave., Outremont, Que.	AT 5724
Townsend, Milton Grant	Med. 2	95 McCulloch Ave., Outremont, Que.	AT 5724

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Townsend, Stuart Ross	Med. 4	2334 Beaconsfield Ave., Montreal	WA 7809
Treggett, Graham Ross	B.Sc. 1	3560 Hutchison St., Montreal	HA 4673
		Bergerville P.O., Que.	
Trenholme, Margery Wynne	B.A. 1	1426 Tower Ave., Montreal	WI 4905
Trimingham, Hugh Lock G	B.Sc. 4	Strathcona Hall, Montreal	LA 1567
Tripp, Netannis Evelyn	Soc. Workers 2	365 Clarke Ave., Westmount, Que	FI 7527
Trister, Saul M	Grad. Sch	4393 St. Urbain St., Montreal	PL 8409
Tritt, Anna Lee	B.A. 4	531 Davaar Ave., Outremont, Que	AT 3759W
Trott, Dorothy Louise	B.A. 1	Royal Victoria College, Montreal	MA 9177
		Rosemount Ave., Pembroke, Bermuda.	
Trotter, Wallace S	Grad. Sch	Apt. 91, 1469 Drummond St., Montreal	MA 1528
Trout, Eleanor	Lib. Sch	3466 University St., Montreal	MA 2608
		93 Waters Ave., Staten Island, N.Y.	
Truax, Lydia B. F	Grad. Sch	4310 Beaconsfield Ave., Apt. 9, Montreal	EL 5481
Tucker, Alfred Rea	Com. 4	772 Sherbrooke St. W., Montreal	LA 1567
		201 Doomore Ave., Winnipeg, Man.	
Tucker, John Donald	B.Sc. 2	645 Prince Arthur St. W., Montreal	HA 7095
		1523 Wood Ave., Colorado Springs, Colo.	
Tucker, Warren Weatherbee	Med. 3	539 Pine Ave. W., Montreal	MA 7818
		216 Newbury St., Boston, Mass.	
Tuckey, Joy	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
		420, West 21st Ave., Vancouver, B.C.	
Turgeon, Guy Joseph Romeo	B.A. 1	814 Cherrier St., Montreal	FR 6363
Turgeon, John Roger	Law 2	4135 St. Denis St., Montreal	BE 7607
Turnbull, Andrew Ross	B.Sc. 2	3575 Durocher St., Montreal	LA 6852
		101 Elizabeth St., Barrie, Ont.	
Turner, Cecil Hartley	Med. 5	Apt. 5, 631 Prince Arthur St. W., Montreal	LA 2351
		Meductic, York Co., N.B.	
Turner, Donald Calvert	B.A. 4	424 Wood Ave., Montreal	FI 7740
Turner, George Edward	Med. 4	539 Pine Ave. W., Montreal	MA 7818
		1653 Victoria Ave., Windsor, Ont.	
Turner, Harold A	Theol. 2	Apt. 29, 2007 Mansfield St., Montreal	
		Appleton, Ont.	
Turner, James Gilbert	Med. 5	545 Pine Ave. W., Montreal	MA 1545
		176 Charlotte St., Fredericton, N.B.	
Tutill, G. W. Douglas	Med. 5	2059 Peel St., Montreal	LA 0704
		Merritt, B.C.	
Tuttle, Harry Gilbert	Theol. 3	Apt. 2, 461 Sherbrooke St., Montreal.	
Tyo, Raymond John	B.Sc. 1	Apt. 31, 1509 Sherbrooke St. W., Montreal	FI 2648
		135 New York Ave., Ogdensburg, N.Y.	
Ulrichsen, Barbara A	Grad. Sch	3869 Cote des Neiges Road, Montreal.	FI 8229
Underhill, Raymond John	B.Sc. 1	5417 Hutchison St., Montreal	CR 4703
		Lachute, Que.	
Upton, Hiram E	Med. 2	Burlington, Vt.	
Urbye, Kim	Eng. 1	1539 Crescent St., Montreal	PL 6753
		Norwegian Legation, Moscow.	
Urquhart, Fred S	Law 1	653 Stuart Ave., Outremont, Que.	AT 2892
Vaczek, Louis Charles	B.Sc. 1	1465 Bernard Ave., Montreal	AT 4727
Vadboncoeur, Guy	Eng. 1	25 Elmwood Ave., Outremont, Que.	AT 4709
Valkenburg, Feitse	B.A. 2	3506 University St., Montreal	MA 2055
		280 Lensderweg, Amersfoort, Holland.	
*Van Buskirk, Anna Frances	Arts P	3454 University St., Montreal	MA 0030
Vanneste, Francis Thomas	B.Sc. 1	4716 Bordeaux St., Montreal	AM 4429
Van Vliet, Jonathan E	Dent. 2	772 Sherbrooke St. W., Montreal	LA 1567
		Dewittville, Que.	
Van Wyck, Norman	Med. 2	621 Belmont Ave., Westmount, Que.	WE 2808
Varey, Edith Ruth	B.A. 2	3833 Melrose Ave., Montreal	WA 2873
Vasilkioti, Nikolai	Grad. Sch	122 St. Catherine St. W., Montreal	
Vassel, Raymond Charles	Dent. 3	288 Sherbrooke St. W., Montreal	HA 5483
		2517 Ditmars Blvd., Astoria, L.I.	
Vatcher, Samuel	Arts P	3506 University St., Montreal	MA 2055
		Battery Road, St. John's, Nfld.	

*Left early in the session.

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Venning, Mrs. E. A	Grad. Sch	3727 de L'Oratoire Ave., Montreal	EL 4389
Vercoe, Alice Margaret	B.A. 1	4656 Sherbrooke St.W., Montreal	WE 2621
Vernon, Hector Alex. S	B.Sc. 1	St. Lambert Annex, Que.	
Verschoyle, Patrick	Eng. 2	2045 Metcalfe St., Montreal	LA 0857
		Fyning Manor Farm, Rogate, Petersfield, Hants., England.	
Vezina, Frank A	B.Sc. 3	1441 Drummond St., Montreal	MA 8331
Viger, Roland Joseph	Med. 4	640 Prince Arthur St. W., Montreal	MA 9531
		16 Dartmouth St., Lawrence, Mass.	
Villiaume, L. Edward	Med. 4	640 Prince Arthur St. W., Montreal	MA 9531
		508 South Park Ave., Buffalo, N.Y.	
Vineberg, Philip Fischel	B.A. 1	Apt. 1, 1272 Van Horne Ave., Montreal	AT 2357
Vinokur, Jack	B.A. 1	4272 Clarke St., Montreal	BE 3268M
Violette, Roger Norman	Med 5	4040 Ontario St., Montreal	CL 6177W
Vipond, Alva Maud	B.A. 2	4138 Dorchester St. W., Montreal	WE 1532
Vissenger, Lillian	B.A. 2	6605 Christophe Colomb Ave., Montreal	DO 2158
Vivian, J. Edward	B.Sc. 1	5608 Esplanade Ave., Montreal	CR 1509
Vogin, Maurice Alfred	Eng. 4	4118 Lafontaine Park, Montreal	FR 9541
Von Eicken, Jane Belnap	Arts P	4275 Western Ave., Westmount, Que.	FI 0964
Vosberg, Clarence	Dent. 4	469 Lansdowne Ave., Westmount, Que.	WE 0302
Wade, Arthur B	Med. 5	3506 University St., Montreal	MA 2055
		Renfrew, Ont.	
Wagner, Robert Lowell	Med. 2	554 Milton St., Montreal	PL 1482
		600 Fell St., San Francisco, Calif.	
Wahl, Albert Leopold	Med. 2	Room 702 Y.M.C.A., Drummond St., Montreal	MA 4171
		3100 Pioneer Ave., Pittsburgh, Pa.	
Wain, Ethel Lazenby	Arts P	619 Oak Ave., St. Lambert, Que.	StLm 496J
Wainer, Louis	Med. 4	4531 Esplanade Ave., Montreal	BE 6344
Wait, Arthur Henry	Com. 3	3609 University St., Montreal	MA 4300
		2 Fourth Ave., Ottawa, Ont.	
Wait, J. Robert	Eng. 1	3552 Marlowe Ave., Montreal	WA 4322
Wake, Frank Robert	Eng. 1	3506 University St., Montreal	MA 2055
		Arvida, Que.	
Wakefield, William	Med. 2	Apt. 26, 3504 Park Ave., Montreal	HA 6607
		2328 W. 1st Ave., Spokane, Wash.	
Walbridge, Frances Muriel	B.A. 2	43 Burton Ave., Westmount, Que.	DE 1643
Walbridge, Harriet Edith	B.A. 2	43 Burton Ave., Westmount, Que.	DE 1643
Wales, Elizabeth Stowe	B.A. 1	Royal Victoria College, Montreal	MA 9177
		St. Andrews East, Que.	
Walker, Alan Wendell	Arch. 1	Apt. 2, 1474 Fort St., Montreal	WI 4361
		P.O. Box 420, Yarmouth, N.S.	
Walker, Laurence Richard	B.Sc. 1	1637 St. Luke St., Montreal	FI 5056
Wallace, John Stephen	Eng. 2	40 Aberdeen Ave., Westmount, Que.	WE 7607
Wallace, Reginald Edward B.	Eng. 3	3535 Jeanne Mance St., Montreal	MA 2941
		6 Long Ave., Granby, Que.	
Wallace, Robert Miller	Law 1	Strathcona Hall, Montreal	LA 1567
		405 Lisgar St., Ottawa, Ont.	
Walsh, Allison Arthur M	B.A. 3	640 Victoria Ave., Westmount, Que.	EL 2131
Walsh, Edward Francis	Dent. 2	59 Birmingham Apts.	
		67 Crescent St., Waterbury, Conn.	
Walsh, Geoffrey	Eng. 4	3507 University St., Montreal	MA 6915
		95 Ontario St. S., St. Catharines, Ont.	
Ward, Daisy Pearl	Phys. Ed. 2	29a, 16th Ave., Lachine, Que	Lach 598F
Ward, Elmer Russell	Dent. 2	5458 Durocher Ave., Montreal	AT 1846
Ward, Sallie Ethelwyn	B.A. 2	112 Arlington Ave., Westmount, Que.	WE 4060
Warhaft, H. M	Com. 4	82 Duluth Ave. W., Montreal	BE 3670J
Warner, Elizabeth Noyes	Med. 5	3940 Cote des Neiges Road, Montreal.	FI 8435
Warner, Harry Manson	B.Sc.4, Med. 1	120 Abbott Ave., Westmount, Que.	WE 4611
		Mille Roches, Ont.	
Warren, H. Kathleen	B.A. 4	1530 Bernard Ave., Outremont, Que	AT 4525
Warren, Melvin George E	Med. 1	Apt. 6, 3610 Lorne Crescent, Montreal.	
		1701, 17th Seattle, Wash.	
Warren, Robert Brooks	B.Sc. 1	441 Victoria Ave., Montreal	WE 8712
		Canora, Sask.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Warson, Samuel Ralph	Med. 3	367 Sherbrooke St. W., Montreal	PL 0527
		Saint John, N.B.	
Wass, Marjorie Benton	B.A. 4	Apt. 18, 2168 Sherbrooke St. W., Montreal	FI 4102
Waters, Mildred Gertrude	B.Sc. 1	745 Stuart Ave., Montreal	AT 3898
Watier, Arthur H	Eng. 4	4169 Dorchester St. W., Montreal	FI 9311
Watson, Alice May	B.A. 1	3437 King Edward Ave., Montreal	WA 0302
Watson, Andrew Pearl	Arts P	Apt. 1, 3410 Atwater Ave., Montreal	WI 6771
		44 Trinity Ave., Sydney, N.S.	
Watson, Horace G. I	Grad. Sch	427 Elm Ave., Westmount, Que	FI 9031
		156 Wellington St., Stratford, Ont.	
Watson, Reginald Edmund Lee	Med. 3	3609 University St., Montreal	MA 4300
		Windsor Mills, Que.	
Watson, Thomas Johnstone	B.A. 4	3485 McTavish St., Montreal	PL 1649
		23 Stark Ave., Camelon, Falkirk, Scotland	
Watson, Wilbur Earl	Med. 2	545 Pine Ave., W. Montreal	MA 1545
		Montesano, Wash.	
Watt, Alastair McAdam	Law 2	1243 Sussex St., Montreal	WI 7588
Watt, Julia Meredith	Music	Apt. 12, 1390 Sherbrooke St. W., Montreal	
		Montpelier, Vt.	
Watt, M. Laird	Com. 2	626 Sydenham Ave., Westmount, Que.	WE 4198
Waud, Jack	Music	218 Mercille Ave., St. Lambert, Que.	St. L. 149
Way, Bessie Bernice	B.A. 3	3421 Shuter St., Montreal	
		Allandale, Ont.	
Wayland, Charles Henry	B.A. 3	3463 Prud'homme Ave., Montreal	WA 6680
Webb, Dwight	B.A. 4	3506 University St., Montreal	MA 2055
		Cardinal, Ont.	
Webb, John Douglas	Com. 1	42 Curzon St., Montreal West, Que.	WA 3153
Weber, Walter Messemer	Med. 2	510 Pine Ave. W., Montreal	HA 2970
		Pebble Beach, Calif.	
Webster, Donald R.	Grad. Sch	2019 Stanley St., Montreal	
		Pictou, N.S.	
Webster, Edward C	Grad. Sch	3657 Laval Avenue, Montreal	LA 0786
		10803-93rd Street, Edmonton, Alta.	
Webster, Richard Campbell	Com. 4	7 Edgehill Road, Westmount	WE 2698
Wedgwood, Harold James	Eng. 1	Strathcona Hall, Montreal	LA 1567
		Stratford St. Mary, Suffolk, Eng.	
Weeks, Beatrice Beryl	Phys. Ed. 1	Royal Victoria College, Montreal	MA 9177
		4466 N. Marine Drive, Vancouver, B.C.	
Weeks, Dana Alex	Med. 1	3617 Lorne Crescent, Montreal	MA 3147
		521 Oxford St., Rochester, N.Y.	
Weil, Paul Gregory	Med. 3	Apt. 8, 2058 Metcalfe St., Montreal	HA 1022
		712 Division Ave., Niagara Falls, N.Y.	
Weiner, Hyman	Med. 3	4548 Esplanade Ave., Montreal	HA 3908
Weiner, Sydney	Law 3	3831 Old Orchard Ave., Montreal	EL 5969
Weinfield, Mortimer	B.A. 3	440 Elm Ave., Westmount, Que	FI 6265
Weinstein, Mina	Music	5187 Jeanne Mance St., Montreal	CR 0868
Weiss, Carl A	Med. 5	2054 Mansfield St., Montreal	LA 5528
		130 East St., Lawrence, Mass.	
Weiss, Herbert Spencer	Med. 5	1488 Bishop St., Montreal	PL 4907
		748 Kelly St., New York, N.Y.	
Weissenburger, Pierre	Com. 4	3433 Peel St., Montreal	PL 2073
		Clos Ste. Odile, Obernai (B. Rh.), France	
Welch, Doris Margaret	B.A. 2	492 Victoria Ave., St. Lambert, Que.	St. L.659W
Weldon, Arthur Mitchell	B.A. 2	355 Oliver Avenue, Westmount, Que.	FI 5961
Wells, F. B	Grad. Sch	3441 Jeanne Mance St., Montreal	HA 3496
Wells, Florence Elizabeth	Phys. Ed. 2	Royal Victoria College, Montreal	MA 9177
		Mississauga Road, Port Credit, Ont.	
Wener, Joseph Leon	Pharm	425 Edward Charles St., Montreal	DO 4317
Werner, Jean Marion	B.Sc. 1	5731 Hutchison St., Montreal	CR 3718
Werry, Wilfrid W	Grad Sch	4606 Colbrooke Ave., Montreal	EL 4057
Wesbrook, Mary Elizabeth	B.A. 1	3581 Northcliffe Ave., Montreal	WA 5784
Wesley, William Grant	B.Sc. 1	Apt. E, 1445 Van Horne Ave., Outremont, Que	AT 5984
Weston, Grace Edson	Grad. Sch	555 Sherbrooke St., Montreal	MA 9177
		1½ Merrimack St., Concord, N.H.	

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Wexler, Lillian E	Grad. Sch	Apt. 5, 319 Grosvenor Ave., Westmount, Que.	
Whitcomb, Adeline Bessie	B.A. 1	289 Notre Dame Ave., St. Lambert, Que.	St. L. 57M
Whitcomb, Benjamin Bradford.	Med. 2	1475 Mansfield St., Montreal	PL 1497
White, Arthur Richard V	Med. 5	Ellsworth, Me. 1500 Crecsent St., Montreal	PL 1424
White, Edwin Jenkins	B.A. 4	Ste. 5, Castlemaine Apartments, Winnipeg, Man. 3485 McTavish St., Montreal	PL 1649
White, Florence Jean	B.A. 4	Charlottetown, P.E.I. 312 Brock Ave., N. Montreal West, Que	WA 0851
White, Meredith Allison	Lib. Sch	3466 University St., Montreal	MA 2608
White, William Haynes	Med. 1, Arts P	Westfield, N.B. 3419 University St., Montreal	MA 3089
Whitehorne, Gordon James	B.A. 1	c/o Dr. R. B. White, Penticton, B.C. United Theological College, Montreal.	MA 2055
Whitehouse, Ralph John	Eng. 3	R.R. No. 2, Spencerville, Ont. 772 Sherbrooke St. W., Montreal	LA 1567
Whitley, Mary Christina	Phys. Ed. 2	Kamloops, B.C. Royal Victoria College, Montreal	MA 9177
Whyte, James H	Grad. Sch	181 Oxford St., Winnipeg, Man. 3586 Clarke St., Montreal	
Wickett, Catherine Mary	Com. 1	25 Comiston Dr., Edinburgh, Scot. Royal Victoria College, Montreal	MA 9177
Wiener, Robert	B.Sc. 2	Port Hope, Ont. 562 Outremont Ave., Outremont, Que.	AT 7749
Wigdor, Edward Irving	Eng. 1	510 Wiseman Ave., Montreal	AT 2580
Wigdor, Myer	Com. 3	6121 Hutchison St., Montreal	DO 3819
Wiggers, Herbert August	Med. 3	640 Prince Arthur W., Montreal	MA 9531
Wiggins, Forrest Walker	B.Sc. 2	183 Madison Ave., Flushing, N.Y. 308 Ballantyne Ave., N. Montreal West, Que	WA 5190
Wight, Dorothy	B. Sc. 1	Royal Victoria College, Montreal	MA 9177
Wight, Murray Ernest	B.Sc. 3	Clinton, N.Y. Woodlands, Que	Cgy. 604-41
Wilanski, Sybil	B.A. 1	5204 Cote St. Antoine Road, Montreal	WA 5781
Wilband, Donald Bishop	Med. 1	3609 University St., Montreal	MA 4300
Wilder, Mitchell Armitage	B.A. 1	Wiscasset, Me. 3478 McTavish St., Montreal	PL 7412
Wilkinson, Arthur	Eng. 3	1238 Wood Ave., Colorado Springs, Colo. 739a Champagneur Ave., Outremont, Que	AT 4115
Wilkinson, Frederick Arthur H.	Med. 4	5244 Musset Ave., Montreal	EL 3518
Williams, Alan R	Grad. Sch	772 Sherbrooke St. W., Montreal	LA 1567
Williams, Elspeth Marian	B.A. 2	118 Division St., Oshawa, Ont. Apt. 6, 3531 Van Horne Ave., Montreal	AT 0484
Williams, Isabel A	Music	Apt. 6, 3531 Van Horne Ave., Montreal	AT 0484
Williams, Katharine Relief	B.A. 2	Royal Victoria College, Montreal	MA 9177
Williams, Moses W	Theol. 3	Box 794 New Glasgow, N.S. 3421 Durocher St., Montreal	MA 1931
Williamson, John T	Grad. Sch	Sunnyside, Newfoundland. 4095 Cote des Neiges Road, Montreal.	FI 2340
Willis, Selwyn Thomas	B.A. 3	382 Oliver Ave., Westmount, Que.	FI 1954
Wills, N. James	Eng. 2, B.A. 4	3592 Jeanne Mance St., Montreal.	LA 9449
Wilson, Charles V	Grad. Sch	592 Bronson Ave., Ottawa, Ont. 3540 Hutchison St., Montreal	HA 7718
Wilson, Cyril Christopher	B.Sc. 1	Birch Hill, Sask. 107 Cornwall Ave., Mount Royal, Que.	AT 0528
Wilson, Frank Lloyd	Med. 4	Strathcona Hall, Montreal	LA 1567
Wilson, George Everett	Arch. 3	2185 Collingwood St., Vancouver, B.C.	
Wilson, John Humphrey	Com. 2	4210 Wilson Ave., Montreal 5447 Duquette Ave., Montreal 1 Clement Road, Wimbledon, London, England.	WA 1282 WA 8447

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Wilson, Marion Houliston	B.A. 3	612 Victoria Ave., Westmount, Que.	EL 4109
Wilson, Norman L.	Grad. Sch	3540 Hutchison St., Montreal	HA 7718
		Birch Hill, Sask.	
Wilson, Reginald Alexander	Med. 3	Apt. 2, 3500 Durocher St., Montreal	HA 7559
		1355 14th Ave. W., Vancouver, B.C.	
Wilson, Roger	Med. 3	640 Prince Arthur W., Montreal	MA 9531
		Rippon Road, Uplands, Victoria, B.C.	
Wilson, Ross Alfred	B.A. 3	2268 Melrose Ave., Montreal	DE 1096
Wilson, Stuart Anthony	Arch. 1	2168 Addington Ave., Montreal	WA 3299J
Wing, Virginia	Arts P	Apt. 22, 2007 Mansfield St., Montreal	LA 5073
		Sandwich, Mass.	
Winkler, Carl A	Grad. Sch	3485 McTavish St., Montreal	PL 1649
		Virden, Man.	
Winn, James	Eng. 2	4841 Marquette St., Montreal	AM 2296
Winter, Etheljean	B.A. 3	4684 Westmount Ave., Westmount, Que	WE 0334
Winter, William H	Med. 5	1188 Sherbrooke St. W., Montreal	HA 1457
		604 Fowl Bay Road, Victoria, B.C.	
Winters, Marianne	Music	400 Mount Pleasant Ave., Westmount, Que	FI 1177
Wisely, John Stuart	Med. 3	471 Prince Arthur St. W., Montreal	MA 8208
		16 Hart Blvd., Randall Manor, S.I., N.Y.	
Witherspoon, William Miles	Med. 2	640 Prince Arthur St. W., Montreal	MA 9531
		20 Dartmouth St., Rochester, N.Y.	
Wolfe, Horace	B.Sc. 1	3855 Marlowe Ave., Montreal	WA 3939
Wolff, C. E. F	Theol. 2	3473 University St., Montreal	MA 4902
Wolff, Rachel Alexandra	B.A. 2	442 Argyle Ave., Westmount, Que	WE 8372
Wolstein, Edward	Med. 5	Apt. 17, 4250 Marcil Ave., N.D.G., Montreal	WA 6444
		134 Stewart St., Ottawa, Ont.	
Wong, Henry Goe	Eng. 1	1090 Chenneville St., Montreal	LA 2953
Wonham, Amy Isabel	B.A. 1	336 Wood Ave., Westmount, Que	FI 6843
Woo, Daisy	B.A. 1	1536 Burnside Place, Montreal	FI 2034
Wood, George William	B.A. 3	Apt. 9, 1557 St. Mark St., Montreal	FI 3370
Wood, Kathryn Preston	B.A. 3	3763 The Boulevard, Westmount, Que	WE 3168
Woodhead, Robert Charles	B.Sc. 2	241 Ballantyne Ave. N., Montreal West, Que	WA 0769
Woodley, Elsie C	Grad. Sch	2307 Beaconsfield Ave., Montreal	WA 6598J
Woodley, Vivian Mary	B.A. 2	2307 Beaconsfield Ave., Montreal	WA 6598J
Woodwark, Kenneth Hugh	Theol. 2	3506 University Street, Montreal	MA 2055
		Ste. Rose, Que.	
Woodworth, Janet Hart	Grad. Nurse 1	3466 University St., Montreal	MA 2608
		4570 Fifth Ave., W. Vancouver, B.C.	
Woolfney, Sidney Garfield	B.A. 2	3506 University St., Montreal	MA 2055
		Carmanville, Nfld.	
Woollven, James Aird	Arch. 4	317 Elm Avenue, Westmount, Que.	FI 8660
Wootten, David Oswald	Com. 2	3478 McTavish St., Montreal	PL 7412
		3404 Cedar Crescent, Vancouver, B.C.	
Wootten, Mary Hooper	B.Sc. 1	19 Campbell Ave., Montreal,	WA 0108
Worrall, James	B.Sc. 1	313 Manning Ave., Verdun, Que.	YO 0602M
Worthington, Robert L	Med. 4	495 Prince Arthur St. W., Apt. 2, Montreal	HA 9094
		1560, 8th Ave., San Diego, Calif.	
Wright, Marjorie Jean	B.A. 1	4121 Marlowe Ave., Montreal	WA 6287
Wright, Mifanwy M	Phys. Ed. 2	Apt. 1, 5970 Monkland Ave., Montreal	WA 5905
		Box 55, West Summerland, B.C.	
Wright, Sadie Marion	Grad. Nurse 1	Apt. 12, 1456 St. Mark Street, Montreal	WI 8942
		340 St. Johns Ave., Winnipeg, Man.	
Yelin, Gabriel	Med. 2	4188 Girouard Ave., Montreal	WA 4756
Yolton, Cuthbert Roy	B.Sc. 1	2052 Victoria St., Montreal	LA 2364
		Massena, N.Y.	
Young, Donald Alexander	Med. 2	3647 University St., Montreal	MA 2806
		100 Frank St., Ottawa, Ont.	
Young, Donald Mackey	B.Sc. 3	4390 Earnscliffe Ave., Montreal	EL 6449
Young, Gilbert Maxwell	Eng. 2	6347, 24th Ave., Rosemount, Montreal	CL 7133

Where two addresses are given, the second is the home address

NAME	FACULTY AND YEAR	ADDRESS	TEL. NO.
Young, Harold G	Grad. Sch	3485 McTavish St., Montreal	PL 1649
		Maryland, Que.	
Young, Horace Colquhoun	Eng. 2	3560 Hutchison St., Montreal	HA 4673
		156 Ellsworth Ave., Toronto, Ont.	
Young, John Clement	Med. 1	525 Prince Arthur St. W., Montreal	MA 6649
		345 Bentinck St., Sydney, N.S.	
Younge, Eva R	Grad. Sch	3429 St. Famille St., Montreal	PL 6807
		Mannville, Que.	
Younger-Lewis, Allan	B.A. 1	3485 McTavish St., Montreal	PL 1649
		14 Gault St., Valleyfield, Que.	
Yuen, Henry B	B.Sc. 3	1715 Gouin Blvd. W., Montreal	BY 0821
Yuile, Charles Laing	Med. 2	3540 Ontario Avenue.	PL 4021
		Apt. 3, 3500 Durocher St., Montreal	
Zahalan, Rose	B.A. 4	1555 Laurier Ave. E., Montreal	AM 6084
Zaitlin, A. H. J	Law 3	6853 St. Lawrence Blvd., Montreal	CR 0073
Zimmerman, Clark B.	Med. 5	Apt. 3, 3500 Durocher St., Montreal	PL 9103
		120 N. Maple St., Mount Carmel, Penna.	
Zimmerman, George	B.Sc. 4, Dent. 1	5702 Hutchison St., Montreal	CR 2575
Zion, Alfred Bernard	Eng. 1	4608 Decarie Blvd., Montreal	DE 3797
Zobel, Jerome Fremont	Med. 4	3534 University St., Montreal	MA 3448
		352 Lake St., San Francisco, Calif.	
Zuker, Esther	B.A. 4	4317 Esplanade Ave., Montreal	BE 8102J
Zweig, David Norman	B.A. 2	4158 De Bullion St., Montreal	BE 9170M
Zwisler, Frederick Fisher	Med. 4	3625 Park Ave., Montreal	HA 2995
		51 Cherry Hill, Holyoke, Mass.	

DATE DUE

DUE	RETURNED
ILL ML MAR 24 1972	
	MAR 21 1972
ILL ML	JUL 10 1981
	JUL 6 1981

FORM 211A: L.J.D.

McGill University Libraries
McGill University Library
3 103 858 551 P